

# DATE BOOK

1 9 3 8

# COUNTING HOUSE

## CALENDAR 1938

	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
JAN.							1 1	JULY							1 182
	2 2	3 3	4 4	5 5	6 6	7 7	8 8		3 184	4 185	5 186	6 187	7 188	8 189	9 190
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FEB.			1 32	2 33	3 34	4 35	5 36	AUG.		1 213	2 214	3 215	4 216	5 217	6 218
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	27 58	28 59							28 240	29 241	30 242	31 243			
MAR.			1 60	2 61	3 62	4 63	5 64	SEPT.				1 244	2 245	3 246	
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	27 86	28 87	29 88	30 89	31 90				25 268	26 269	27 270	28 271	29 272	30 273	
APRIL						1 91	2 92	OCT.							1 274
	3 93	4 94	5 95	6 96	7 97	8 98	9 99		2 275	3 276	4 277	5 278	6 279	7 280	8 281
	10 100	11 101	12 102	13 103	14 104	15 105	16 106		9 282	10 283	11 284	12 285	13 286	14 287	15 288
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MAY	1 121	2 122	3 123	4 124	5 125	6 126	7 127	NOV.			1 305	2 306	3 307	4 308	5 309
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JUNE				1 152	2 153	3 154	4 155	DEC.					1 335	2 336	3 337
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FROM  
L. M. KLAUBER  
233 W. JUNIPER ST.  
SAN DIEGO, - CALIF.

# THE YEAR 1 9 3 8

LmKlauber  
233 West Juniper St.  
San Diego, Calif



No. 8012

**National Blank Book Company**  
**Holyoke, Mass.**

MADE IN U. S. A.

# THIRTEEN-PERIOD CALENDAR FOR 1938

For a number of years the practice of dividing the year into 13 periods of 4 weeks each has been gaining favor in business. Divided this way, any period is directly comparable to any other period.

The varying number of calendar days, working days, Saturdays, etc., in different months of the ordinary 12 month calendar often distorts seriously such vital statistics of business as sales, costs, production, payrolls, etc. For National Diary users who record such facts on a weekly or four weekly basis, the 1938 Official 13 period calendar is presented by courtesy of the International Fixed Calendar League, Rochester, N. Y.

Month	S	M	T	W	T	F	S	Month	S	M	T	W	T	F	S
<b>1st Period</b>								<b>7th Period</b>							
Dec.	26	27	28	29	30	31	1	June	12	13	14	15	16	17	18
Jan.	2	3	4	5	6	7	8	19	20	21	22	23	24	25	
	9	10	11	12	13	14	15	26	27	28	29	30	1	2	
	16	17	18	19	20	21	22	3	4	5	6	7	8	9	
<b>2nd Period</b>								<b>8th Period</b>							
Jan.	23	24	25	26	27	28	29	July	10	11	12	13	14	15	16
Feb.	30	31	1	2	3	4	5	17	18	19	20	21	22	23	
	6	7	8	9	10	11	12	24	25	26	27	28	29	30	
	13	14	15	16	17	18	19	31	1	2	3	4	5	6	
<b>3rd Period</b>								<b>9th Period</b>							
Feb.	20	21	22	23	24	25	26	Aug.	7	8	9	10	11	12	13
Mar.	27	28	1	2	3	4	5	14	15	16	17	18	19	20	
	6	7	8	9	10	11	12	21	22	23	24	25	26	27	
	13	14	15	16	17	18	19	28	29	30	31	1	2	3	
<b>4th Period</b>								<b>10th Period</b>							
Mar.	20	21	22	23	24	25	26	Sept	4	5	6	7	8	9	10
April	27	28	29	30	31	1	2	11	12	13	14	15	16	17	
	3	4	5	6	7	8	9	18	19	20	21	22	23	24	
	10	11	12	13	14	15	16	25	26	27	28	29	30	1	
<b>5th Period</b>								<b>11th Period</b>							
April	17	18	19	20	21	22	23	Oct.	2	3	4	5	6	7	8
May	24	25	26	27	28	29	30	9	10	11	12	13	14	15	
	1	2	3	4	5	6	7	16	17	18	19	20	21	22	
	8	9	10	11	12	13	14	23	24	25	26	27	28	29	
<b>6th Period</b>								<b>12th Period</b>							
May	15	16	17	18	19	20	21	Nov	30	31	1	2	3	4	5
	22	23	24	25	26	27	28	6	7	8	9	10	11	12	
	29	30	31	1	2	3	4	13	14	15	16	17	18	19	
June	5	6	7	8	9	10	11	20	21	22	23	24	25	26	

## 13th Period (5 Weeks)

	S	M	T	W	T	F	S
Nov.	27	28	29	30	1	2	3
Dec.	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31







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SATURDAY, JANUARY 1, 1938

1st  
Day

Happy New Year

364 Days  
to come

Got a lot of work done on the  
annual census today, between  
Census 121 & 122.

(May 28th Continued)

Hunted at 2 points near Paradise Camp,  
Mono Co (foot of Sherwin Grade) and  
got skellies, utas and a collared lizard  
in brush and rocks.

There were no D & R snakes around Bishop  
as there were last summer. We reached  
Bishop in the early afternoon but found  
the auto camps already filled because of  
the fishing crowd and decided to go on south  
which was probably wise as the season  
was evidently delayed and it was too cold  
to expect snakes out at night.

We drove back up the road toward Laws  
and beyond for a couple of miles and  
rested awhile. It seems to be possible  
sidewinder territory beyond the irrigated  
section and I see no real reason to doubt the  
MVZ record. The flat is fairly sandy  
and there is an occasional hummock.  
We picked all specimens taken thus far  
from 5 until 6 and got everything in good  
shape. Turned back 11 mi. N. of Bishop.  
It was now 6 P.M. and getting windy.  
(Continued on Jan 2)

SUNDAY, JANUARY 2, 1938

2nd  
Day

2nd Sunday after Christmas

363 Days  
to come

Phil left this morning at 8:5  
✓ Chapman part called this afternoon  
to discuss his new Jamaica Celestus  
Also Bob Howard his proposed IFA study  
of rattlesnake breeding.

Spent the morning in the census  
and finished the 1937 tabulation both  
by months and by zones.

✓ Chas. Shaw called up and said he  
caught a small snake today, and many

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(May 28 Cent. from Jan. 1)

There were no Joshua Trees on the mountain  
sides that we could see hereabouts so no  
reason to expect *Xantusia vigilis* so far north.

We passed Bishop south bound at 6:10, 69°F  
1 Red Racer L DOR 3 mi. S. of Bishop. Grass,

1 " " " " 4 " " " " " grass-brush.

1 " " " " Keough Hot Springs, Inyo Co, brush

1 " " L " " " " " " "

Big Pine at 6:35, 72°

1 Gopher M DOR Aberdeen, Inyo Co, grass brush,  
1 Red Racer M DOR " " " " Brush.

Independence at 7:15

Home Pine at 7:45, 72° Almost dark.

1 Longnose L COR Cartago, Inyo Co, 71° Brush

Quite dark. 8:10

(Continued on Jan. 3d)

MONDAY, JANUARY 3, 1938

3rd  
Day

362 Days  
to come

8 Cards received today

Worked on the census tonight!

(May 28 Cont. from Jan. 2)

1 Boyles King L COR, Castago, Inyo Co,  
8<sup>15</sup>, 70°F

Olancho reached at 8<sup>50</sup>

1 Arizona M DOR Haiwee, Inyo Co

1 Gopher L DOR Dunsmuir, Inyo Co

1 Arizona M DOR Cross Junction, Inyo Co

(Contained a mouse)

1 Arizona M DOR Cross Junction, Inyo Co

Little lake at 9<sup>01</sup> ~~to~~ 71°F

1 Longnose COR Narka, Inyo Co, 9<sup>15</sup>, 70°F

1 Gopher DOR Narka, Inyo Co, Saved.

Strong wind now blowing.

1 Sidewinder L DOR Linnie, Inyo Co

1 Sonora L DOR Brown, Kern Co, Saved.

1 Arizona L DOR " " " " Squirmy

Strong wind - no moon 71°

1 Sonora L DOR Brown, Kern Co.

1 Sidewinder L COR, Brown Kern Co 9<sup>45</sup>, 69°F

1 " DOR, Heliter, Kern Co

Inyo Kern at 10<sup>10</sup>, 69°F, Windy.

1 Gopher M DOR, Terese, Kern Co

1 Leafnose L, DOR, Terese, Kern Co. as large  
as any around Borego.

1 Arizona COR, Pearles Station, Kern Co

(Continued on Jan. 4)

TUESDAY, JANUARY 4, 1938

4th  
Day

361 Days  
to come

5 cards and 1 questionnaire received today

(May 27<sup>th</sup> Cont. from Jan. 3<sup>d</sup>)

Thought this one had been run over, but evidently not as he lived.  $104\frac{4}{5}$   $60^{\circ}\text{F}$

1 Red Racer L DOR Atolia low brush

San Bernardino Co. (These ecological notes were secured next day by going back on the same road).

1 Gopher L DOR 8 mi. N. of Kramer, S.B. Co  
Greasewood brush.

1 Longnose DOR Kramer. Brushy desert.

1 Gopher L DOR Hawes, S.B. Co.,  
Brushy desert. Saved.

1 Arizona Small DOR Mace, S.B. Co., Brushy desert.

1 Platyrhinos DOR Mace, S.B. Co. Brushy desert.

Reached Barstow at 12<sup>30</sup>. Cold and windy  $67^{\circ}$ .  
All auto camps filled. Finally put up at the Beacon Inn and pickled specimens until after 1 AM. Pretty tired.

This night started out fairly well but proved poor toward the end because of the rapidly falling temperature (considerably below that at Barstow in most parts) Traveled fast toward the last as it was so  
(Continued on Jan 5)



WEDNESDAY, JANUARY 5, 1938

5th  
Day

360 Days  
to come

No cards returned today.

Jim Devel worked today.

Movie tonight - Thursday Jan 6, by car.

7 Cards returned today.

The Bonora and Growth Papers  
sent out to my mailing list today.

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(Maying cont from Jan 4)

late and we were very tired.

Miles today 4-25. Miles after  
dark - evening desert drive 160.

A fairly good day but the weather  
too cool and unsettled.

THURSDAY, JANUARY 6, 1938

6th  
Day

Feast of the Epiphany

359 Days  
to come

7 Cards returned today

(May 49 Continued)

1 Cally, & whips collected 6 mi SW of Spangler, S.B. Co.

Looks good here for night collecting. Cally seen, also leopard 6 mi. NW of Spangler. Collected near here and got a chuck, utas, magister etc. This was fine rocky country

Cally seen 6 mi. SW of Westend, S.B. Co

Also dips here. It is a sandy desert.

Saw chucks and callys in Porson Canyon.

S.W. of Westend. There are sand dunes near here which look good

Went a little north of the big potash plant at Trona and then turned back. It was quite warm. All of this road looks good, and probably the road to Ballarat and Death Valley is OK. It is oiled at the start.

Cally seen at Trona

Cally and uta collected 4 mi SW of Westend, S.B. Co.

1 Spotted nite BOR L 9 mi. SW of Westend.

Brushy desert - no rocks! Also cally collected here.

Uta collected 10 mi. S.W. of Westend.

(Continued on Jan 7<sup>th</sup>)

FRIDAY, JANUARY 7, 1938

7th  
Day

358 Days  
to come

2 Cards returned today.

~~Jim and Chas. worked today~~

(May 29<sup>th</sup> Continued from Jan 6<sup>th</sup>)

Hunted in rocks 6 mi. W. of Spangler at  
sundown and got a mayates. ate supper here.

1 Sonora COR, lava mts, 9 mi. N. of  
Red Mountain, not quite dark, under  
Joshua Tree with brush about.  
Breezy.  $72^{\circ}$ ;  $76^{\circ}$  F.

1 Gopher DOR 6 mi. N. of Red Mountain  
Saved head. Contained a young ground  
squirrel.

1 Gopher S. COR 6 mi. N. of Red Mountain  
 $74^{\circ}$ ;  $77^{\circ}$  F Almost dark.

1 Arizona COR 4 mi. N. of Red Mountain  
 $75^{\circ}$ ,  $78^{\circ}$  F Slight breeze; high brush.

1 Leopard lizard DOR 3 mi. N. of Red Mountain.

1 Gopher S. DOR 2 mi. N. of Red Mountain, saved

1 Sonora L DOR Red Mountain, saved.

1 Cally DOR 3 mi. S. of Atolia.

1 Sidewinder COR 3 mi S. of Atolia.  $83^{\circ}$ ,  $73^{\circ}$  F.  
Quite dark. Slight breeze.

1 Longnose COR 4 mi. S. of Atolia  $83^{\circ}$ ,  $70^{\circ}$  F

1 Sonora DOR Fremont, saved

1 " " " "

1 " " " "

1 Longnose " " "

(Continued on Jan 8)

SATURDAY, JANUARY 8, 1938

8th  
Day

Battle of New Orleans 1815

357 Days  
to come

Spent the day on the annual audit  
for income tax; also cleaned up the  
outdoor life's purchased last February.  
Bad cold and feeling too rotten to do  
anything else.

Have worked today

3 cards and a questionnaire received.

(May 29 Continued from Jan 7)

1 Platyrhinus DOR Penshaw, S.B.Co  
1 longnose COR Kramer, S.B.Co, 9<sup>25</sup> P.M.  
66° No wind; no moon.

1 Leopard lizard DOR Kramer.  
1 Arizona DOR (Squirmying) Kramer Hills  
Saved 61°F

1 Leafnose DOR (Squirmying) ~~11~~ 11 mi. N. of  
Adelanto. Saved.

1 Colonyx COR 10 mi. N. of Adelanto.  
9<sup>20</sup> P.M. 64°F

1 Platyrhinus DOR 10 mi. S. of Kramer  
1 Leopard lizard DOR 9 mi. N. of Adelanto  
1 Sonora L DOR 9 mi. N. of Adelanto, saved  
1 Arizona " 8 " " " " "  
(Squirmying but died)

1 Sonora DOR 8 mi N. of Adelanto, saved.

1 Sidewinder L DOR 6 " " " "  
10<sup>40</sup> P.M. 62°F

1 Longnose L DOR 5 mi N. of Adelanto, saved  
(Continued on Jan 9)

SUNDAY, JANUARY 9, 1938

9th  
Day

1st Sunday after Epiphany

356 Days  
to come

Feeling too lousy from a cold to do constructive work today. Finished the old Outdoor life. Then spent the rest of the day and evening mapping Game Warden ratter records and mail preparation. Sent out 7 cards for more data to

J. L. Downs, Douglas, Wyo

J. W. Drummond, Wray, Colo

Joe Garner, Shoshone, Idaho

✕ Frank Starina, Hardin, Mont

✕ A. A. O'Clair, Kalispel, Mont

A. J. Begelew, Thermopolis, Wyo

✕ Glen Shyler, Dubois, Wyo

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(May 29 Continued from Jan 8)

1 Sonora L DOR 3 mi. N. of Adelanto saved.

10<sup>50</sup> 60°.

It was now so cold and late we drove fast. First went to Victorville but couldn't get a room. Then to San Bernardino and failed again at the big auto courts. Finally put up at Colton. Put up snakes until 1 AM

This night was a fine proof that snakes come out when the temperature is OK but go in again when it turns cold; shown by the large number of fresh DORs on a lightly travelled road. I got them alive early in

(Continued on Jan 10<sup>th</sup>)

MONDAY, JANUARY 10, 1938

10th  
Day

355 Days  
to come

8 Cade returned today  
Shaw and Deuel worked this afternoon  
(over 2000 to 2000)

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(May 29 Continued from Jan 9)  
the evening when it was warmer,  
but failed to get any live ones later.  
But the few other cars had run over  
many while they were still out.

Reached Colton plenty tired at 12<sup>20</sup>.  
Miles today 238. Miles of evening  
desert drive 78.

A very satisfactory day from  
the standpoint of snakes collected,  
and new territory surveyed.

TUESDAY, JANUARY 11, 1938

11th  
Day

Alexander Hamilton—Born 1757

354 Days  
to come

Stayed home today because of a bad cold.  
1 card returned.

Got in some progress on head statistics today and made good headway. While much statistical calculations are still necessary I feel that this part of the paper is over the peak at last.

WEDNESDAY, JANUARY 12, 1938

12th  
Day

353 Days  
to come

Jim Deuel worked today.

Home today with a cold except one hour.

4 cards returned today

Shipped the following to Pemberton.

- 1 Case containing 12  $\frac{1}{2}$  gal MT jars
- 1 Black box with 6 compartments for live specs.
- 1 Paper box containing 4-1 gal MT jars
- 1 Gal bottle formalin
- 1 Springfield Stevens  $\approx$  single shot rifle
- 1000 shells
- 2 pistols
- 2 small ram rods
- 1 jointed ram rod
- steel wool
- Tape
- Scissors (new)
- Directions.

On the South Palomar Grade at 4200 ft.  
Chas. F. Schnack dug up a L. zonata out  
of a rock pile at a depth of about 5 ft.



THURSDAY, JANUARY 13, 1938

13th  
Day

352 Days  
to come

3 cards and 1 questionnaire received today

Worked today and feeling better. got in some good ticks on head length tonight, tabulating.

Started Omar on tabulating again.

(June 3d Cont)

- 1 Red Race, L DOR Meloland fields  
(lights on at 7<sup>05</sup> Holtsville)
- 1 Gopher M DOR Date City. Fields. Saved head.
- 1 Small T. marsonia COR Date City 7<sup>25</sup>

Almost dark. Fields 88°

Edge of the desert at 7<sup>30</sup>. Almost dark. 88°

1/3 moon. No wind.

- 1 Sonora COR Midway Well 8 P.M. 88°
- 1 " COR Pilot Knob 9<sup>20</sup> P.M. 86°

Backed over this one.

Reached Yuma at 8<sup>45</sup>. Hot.

Started for San Luis at 9 P.M. P.S.T. from Peach Auto Count. Reached there at 9<sup>50</sup>, 11<sup>00</sup> 88°

Not a thing seen. Very disappointing.

Woodhouse's heard at one or two points.

1 Gopher COR Somerton 10<sup>15</sup>, 69°. Backed over him.

The temperature this evening was quite variable. Some places were hotter than others. Back in the auto count at 10<sup>50</sup>. 85°. 82°

(Continued on Jan. 14)

FRIDAY, JANUARY 14, 1938

14th  
Day

351 Days  
to come

Saw Perkin's this noon.

Only 1 card returned today

Went to a lecture by Claus Mann  
tonight.

Jim Dewel worked counting rattles  
6-ones today

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June 3d Cent from Jan. 13.

A very disappointing evening.

Miles in S.D. Co. 80. Miles evening  
drive Imperial Co. 39, Yuma Co, 49, total  
88. Total miles of trip so far, 224.

SATURDAY, JANUARY 15, 1938

15th  
Day

350 Days  
to come

Spent the entire day in head beneath and made good progress. Plotted the rest of the H-L relationships. Then drew the lines of best fit by eye. Then drew sample groups of curves for example and comparative purposes.

1 Card returned today

(June 4<sup>th</sup> Cont)

Going up the road toward Oracle Junction which we reached at 9:15. Returned to Tucson at 10<sup>30</sup>, not having seen a thing in the road head or white. There was 1/3 moon. A little breeze. The temp. varied from 74 to 88° depending on altitude and exposure. We saw no rattlesnake, saw no Oracle Junction, but he had nothing particularly interesting. He gets scutes around Oracle Junction but tincoons are more common. Most of his snakes come from around Oracle Junction.

Miles today; daylight 242, night drive 51; total 293.

Perkins told me today that one small mule of his trio had accidentally bitten another in striking for food. The bite was in the jaw. There was considerable swelling but it soon went down. No ill effect.

SUNDAY, JANUARY 16, 1938

16th  
Day

2nd Sunday after Epiphany

349 Days  
to come

Not very good headway today -  
too many lunches and dinners  
worked on head-length ratio of  
dwarfed races.

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(Here I Continued)

Found at Casa Grande; the nearest to  
Tucson are from Conteno. She had 40  
tigers last year. Of the 7000 cubs  
which she has handled the largest was  
6'4" x 15"5". Only 4 or 5 were larger than 6'.

We then called on Billy Woodin III  
and his parents the Haskells at Rincon  
Ranch about 25 mi. E. of Tucson at  
the foot of the Rincon Mts and talked snakes  
most of the afternoon. The youngster is  
intensely interested in the subject. From  
Rincon Ranch he had gophers, mice,  
spotted night, King snakes (splendida)  
and Rhinoceros. The ranch is a  
very pleasant place with all the  
necessaries including a swimming pool.

We returned via Hill and the Benson  
highway.

Cnemidophorus noted at Vail.

1 *Corynorhinus* M. DOR Rita, Pima Co., Bush desert.

We returned to Tucson at 5 PM and  
rested up for the evening drive.

(Continued on Jan. 17)

MONDAY, JANUARY 17, 1938

✓ 17th  
Day

Benjamin Franklin—Born 1706

348 Days  
to come

5 Cards and a questionnaire  
today

Went to the reptile club tonight.  
Offered a subscription to Copeia  
as first prize and a subscription  
to Herpetologica as second prize for  
most postal card reports of snakes  
observed in SD County

---

(June 5 Cont. from Jan. 15)

We started out at 6<sup>32</sup>. It was warm and  
decidedly sultry. 1/2 moon.

First drove out the Rio road 11 miles.  
Got nothing. Came back to the Junction  
and drove south to San Xavier mission.  
1 P. browni <sup>COR</sup> 2 mi. N. of the mission 8<sup>10</sup>

mesquite, 84°

1 P. browni <sup>COR</sup> 3 mi. N. of the mission 8<sup>15</sup>  
mesquite, ~~84~~ 86°

Turned south at Rio Junction at 8<sup>20</sup>

1 P. browni <sup>DOR</sup> (2 wds) 5 mi. N. of the mission  
Turned north at 8<sup>40</sup>.

Reached Rio Junction at 9 and went  
west 5 miles. Finding nothing we  
came back and went to Congress and  
Grand then to the top of "A" mountain.  
Saw nothing so tried the Mission Road  
once more.

(Cont. on Jan 18)

TUESDAY, JANUARY 18, 1938

18th  
Day

347 Days  
to come

No cards today.

Worked a short time on dwarf  
races tonight

---

(June 5<sup>th</sup> Cont from Jan. 17)

1 H.T. DOR 1/2 mi. junction.

1 *Cnereis* M COR 3 mi. N. of San Xavier  
Mission. On the berm. 955, 82°.

mesquite:

1 *P. d. declinatatus* S. COR 4 mi. N. of  
San Xavier Mission. This was right  
at the reservation boundary. 1018, 84°

1 H.T. DOR 1 mi. S. of 1/2 mi. Junction.

Reached the auto camp at 10<sup>50</sup> and  
drove 8 mi down the Nogales road.

Finally turned in at 11<sup>50</sup>. Temp 78-82°.

A great night for *Phyllorhynchus*.  
The best luck of the trip so far.

Miles today - daylight 92; evening  
drive 102; total 194.

The 5 and 10 reading glasses  
are working fine.

One *P. browni* associated a good?  
egg capsule.

WEDNESDAY, JANUARY 19, 1938

19th  
Day

Robert E. Lee—Born 1807

346 Days  
to come

Went to Los Angeles on the morning train and returned in the evening.

One questionnaire returned today

(June 7 Continued)

1 H.T. (Solare) DOR Curtiss, Cochise Co  
2 do

1 *Petrophila* L DOR 9 mi SE of St. David  
Rolling mesquite prairie.

Calley 4 mi. NW of Tombstone.

Hunted for a short time under rubbush at Fairbank but got nothing.

Took the side road to Ft. Huachuca and ate lunch there. 15<sup>th</sup> Infantry (colored) stationed there. Very interesting place. Found the road to Canille wasn't open so went back to highway 82.

Hunted in Yuccas on a high wind-swept prairie in Cochise Co just east of the Santa Cruz Co line. This may be called Mescal Spring, Cochise Co. Saw a holbrookia and a *cremifera* (perplexus?) and collected a collared lizard. There are many fallen yuccas here and they are the only places of concealment but the reptiles under them were few. Probably too cold. We got negative results near Rincón Ranch, under yuccas a few days  
(Cont. on Jan. 20)

THURSDAY, JANUARY 20, 1938

20th  
Day

345 Days  
to come

2 cards back today.

To historical society dinner tonight  
to hear Marston talk on old times.

(June 7 Cont from Jan. 19)

before.

Hunted in the river at Patagonia and got  
a couple of Rana pipiens and a C. s. perplexus  
1 P. solari DOR at Nogales.

Started north for Peña Blanca Spring at  
4 P.M. The service station man said there was  
little water in the spring - a forest service  
ranger said there was plenty. The former  
was right. The road to the spring is good  
but unpaved. At the spring the overflow  
was diverted to a swimming pool in  
which there were a couple of Rana pipiens.  
There were no pools of any size. We went  
on 9 miles over an improved but very  
twisty mountain road to Bear Canyon in  
the Tumacacori Mts. Here there were a  
few pools and we collected some tadpoles.  
Could find no frogs or toads under rocks.  
Collected a S. clarkii at Peña Blanca  
on the return trip and saw several others.  
Ate supper (out of a can) at the junction  
6 mi N. of Nogales and started north on  
the Greening drive at 7:45  
(Continued on Jan 21)



FRIDAY, JANUARY 21, 1938

21st  
Day

Stonewall Jackson—Born 1824

344 Days  
to come

Jim and Chas worked this afternoon.

Only 1 card returned today.

Dog got run over tonight. One leg seems badly hurt.

Company tonight - Little day.

(Jan 9 Cont from Jan 20)

It was a fine night, better breeze, warm,  $\frac{1}{3}$  moon. The first part of the trip was Upper Sonoran. Not a thing was seen alive or dead. Evidently nothing out as there was enough traffic to produce DORs. 1 P. Solare DOR Carmen ~~85°~~ 82°

Amado at 84<sup>5</sup>, ~~75°~~ 78°

Reached Tucson at 10 PM. ~~72°~~ 80°

Took the trip to the mission in the hope of finding a *Phyllorhynchus*. Still no luck.

Returned to Tucson at 10<sup>30</sup>. Got the same cottage again.

It was ~~75°~~ <sup>80°</sup> at San Xavier mission at 10<sup>32</sup>.

Had hoped to get a tree-snake on the road toward Riley.

A tough luck day for specimens if there ever was one.

Miles today daylight ~~154~~ 204; evening 73; total 277. Total for the trip to date 1180

Worked all day on the head length paper. Completely revised the dwarf write up. OK this time I think.

(June 8<sup>th</sup> Cont)

Gloyd and others have stripped all the good rock flakes and we were too tired to go to more distant places.

The country to the north of Yarnell does not look good for night collecting although there are some fair rock outcrops. Peoples Valley is like a high prairie.

Collared lizard noted in Peoples Valley. Also 1 *P. d. hernandesii* DOR and 1 Gopher S DOR. fields.

*S. magister* DOR. 5 mi. S. of Kerkland Junction

1 Gopher L COR 4 mi. S. of Kerkland Junction

5<sup>30</sup> P.M. grass and scattered rocks. Quite a fight. Struck viciously and rattled. also collared lizard DOR here.

Hunted in fair rocks just above Grand View (3 mi S. of Glen Oaks) hoping to get a *Xantusia* but no luck. Got *U. o. symmetrica*, *C. e. perplexus*, *S. magister*, and *H. texana*.

Reached Prescott at 7<sup>15</sup>; clear and cool. After supper drove up and down the road a few miles hoping to hear frogs, But didn't returned in. Miles today 251. To bed at 10; earliest this week.

SUNDAY, JANUARY 23, 1938

23rd  
Day

3rd Sunday after Epiphany

342 Days  
to come

Continued work on head length. Made good progress. Now up to the final discussion of species differences. Went to La Jolla tonight.

---

(June 9<sup>th</sup> Continued)

points and collected one or two. One contained a large fresh skelly. Several were well plastered with tar below. This was dry. There was no fresh tar on the road. It was difficult to see how they had survived with this incrustation.

Skellies and *C. B. perplexus* were seen at Ash Fork, Yavapai Co. and skellie's 3 mi. E. of Ash Fork.

A large gopher was picked up. 4 mi. E. of Ash Fork. *Juniper* assn. Saved.

Near Williams we stopped and preserved all the material we had accumulated. We inquired for D. O. Scott but found he was out in the field. Left a note for him. Got the mail; had lunch and left Williams at 12<sup>25</sup>. It had been cool and comfortable all morning.

We called on Dr. H. S. Cotton at the Museum of Northern Arizona and looked over his rattlesnake collection numbering possibly 10 specimens most of which I had seen. One, a dark nuntius, was noted from the Museum.

(Continued on Jan. 24)

MONDAY, JANUARY 24, 1938

24th  
Day

341 Days  
to come

Tim and Chas worked today.

2 cards returned today.

(June 9 Continued from Jan. 23d)

grounds at Flagstaff. One of the preparators had noted a rattler in a tree at Oak Creek a short time before. Dr. Cotton promised to send me any new ones which might be collected. He has one party in the field now.

We hunted in low brush and scattered rocks - prairie 6 mi. E. of Canyon Padre hoping to find a nuntius. Got skellies and holbrookia. Also hunted near Two Guns which is the highway station at Canyon Diablo. This was in red sandstone. Got several lizards.

1 Gopher S Dor Winslow Grass.

After consideration it appeared best to radiate out of Holbrook rather than Winslow taking a dirt road (for nuntius) before dusk and a not-too-much-travelled paved road after. So we got rooms at the Forest Motel had supper and started north on the Keams Canyon Road at 6<sup>25</sup>. Warm and breezy. We went up this road 24 miles and then turned back. The only reptile seen was a large gopher which was  
(Continued on Jan. 25<sup>th</sup>)

TUESDAY, JANUARY 25, 1938

25th  
Day

Conversion of St. Paul

340 Days  
to come

Jim and Chas worked today.

They are now finished counting all the 1937 rattlers except the plots of South Dakota juvenile viridis. Working on head lengths of colubrids.

Concert tonight.

Sent to Minnesota game warden (24)

(June 9<sup>th</sup> Continued from Jan 24<sup>th</sup>)

caught on the road on Marcow Mesa, 20 mi. N. of Holbrook. This was at 7 P.M.

grass down. Still bright sunlight.

The road is better than when I last went over it but still has some bad spots.

We turned back at 7<sup>15</sup>; ~~6<sup>25</sup>~~ 70°F.

It was sundown at 7<sup>25</sup>; 70°. Windy.

We were back on the highway at 8 P.M.

We then drove down the St. Johns road going 22 miles but except for a collared lizard DOR at the SE cor. of the Petrified Forest N.M., Apache Co not a thing was seen dead or alive.

We returned to Holbrook at 9<sup>30</sup>, 72° tired and disgusted. The evening had been very disappointing. The lack of DORs showed that the diurnal snakes were not out, and ~~how~~ our hopes of getting nuntius and Arizona went glimmering.

WEDNESDAY, JANUARY 26, 1938

26th  
Day

339 Days  
to come

Tim and Chas worked today

Gander reports a small gopher  
today at Dehesa

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(Time 9<sup>th</sup> Cont. from Jan. 25<sup>th</sup>)

Evidently the season, the temperature,  
or the moon (nearly full) was wrong.

Total miles today 300; miles evening  
drive in darkness 45.

THURSDAY, JANUARY 27, 1938

27th  
Day

338 Days  
to come

Called on Perkins this noon and met Crimmins friend Col. Vaughn.

Made statistical calculations tonight

(June ~~22~~ 10<sup>th</sup> Continued)

We had lunch at Flagstaff and left there at 12<sup>30</sup>. We then turned off the road and pickled specimens until 1<sup>20</sup>. At Williams we got the mail and again inquired for Scott. We were told he could be found in Hell Canyon and driving there met him coming out. He had left 2 quarts snakes and a racer for us in the office. We had quite a talk about collecting and similar matters and left with him a rifle, 100 shells, tags, and 2 - 1/2 gal jars filled with alcohol.

1 Gopher S DOR 7 mi. E. of Ash Fork. Juniper

1 P.d. hernandesi DOR 8 mi. W. of Williams

1 Gopher M DOR 2 mi E. of Ash Fork. Brush and rocks.

Left Ash Fork at 3<sup>45</sup>. These DOR's begin to look encouraging.

1 Collared lizard DOR. Pinevita (saved)

1 Gopher S DOR Pinevita, Yavapai Co, Grass  
Saw a green collared lizard here.

Holbrooks and skellies were shot at  
Crookton, Yavapai Co.

1 Gopher S. DOR. Crookton, Yavapai Co, grass and  
(Continued on Jan. 28<sup>th</sup>)

FRIDAY, JANUARY 28, 1938

28th  
Day

337 Days  
to come

3 cards received today  
at 3:30 went to Scripps Institution  
and heard a talk on statistics. 20 miles  
nothing seen.

Commercial meeting at Service Bldg  
tonight

June 10<sup>th</sup> Cont. from Jan. 27)

At China, Yavapai Co., several *Stellaria*  
were shot in sandstone and large bushes.  
2 gophers M. DOR Audley, Yavapai Co. <sup>grass</sup> prairie  
also collected a *Holbrookia* here

1 Gopher L DOR Pica, Yavapai Co. <sup>grass</sup> prairie  
*Holbrookia* seen here.

1 gopher L COR ~~2 mi N. of Nelson (Yavapai Co~~  
~~but gopher caught in Coconino Co~~

Yampai, Yavapai Co. 5:30 P.M. Bright  
sun. High grass prairie with scattered  
junipers.

2 gophers M DOR 4 mi. N. of Nelson (Yava. Co  
but gophers were in Coconino Co) Grass.

1 Scute COR Crozier Spring, Mohave Co.

M. grass. 6 P.M. Clear and cool.

Coiled on the road.

Between Crozier and Valentine occurs  
the first chuck country adjacent to the  
road although none was seen. There are  
many large rounded granite boulders  
(Continued on Jan. 29)



SATURDAY, JANUARY 29, 1938

29th  
Day

William McKinley—Born 1843

336 Days  
to come

Made good progress on the head length paper today. Cleaned up general discussion and other difficult parts.

Shaw worked today, measuring heads on harmless snakes.

(June 10<sup>th</sup> Cont from Jan. 28)

here, which although they don't flake well should be investigated for Xantusia etc. We had no time for this and were too tired anyway. The country and the rocks look just like Mountain Springs.

1 Gopher M. COR Antares, Mojave Co.

5<sup>45</sup> PM P.S.T. Bright, Sunlight. Light brush

1 Gopher S DOR, Walapai, Mohave Co. <sup>Thin grass</sup>

1 Gopher L DOR, Berry, Mohave Co. <sup>desert. light brush</sup>

1 Pacific King L DOR, Berry, Mohave Co., <sup>saved</sup>

Just hit. Squirming. Low brush desert

5<sup>50</sup> P.S.T.

1 Platy. DOR Berry.

1 Longnose M DOR Louise, Mohave Co.

light brush, saved.

The many DOR's through here gave us great hopes for the evening which led to relate did not materialize.

We reached Kingman at 6 P.M. PST and spent considerable time fixing up all specimens and eating supper. We started

(Cont. on Jan. 30<sup>th</sup>)

SUNDAY, JANUARY 30, 1938

30th  
Day

Franklin Delano Roosevelt—Born 1882  
4th Sunday after Epiphany

335 Days  
to come

Worked all day and late into the evening on the head length paper. Didn't do so well. Ran into a snag on the equation  $H = mn^L$  for harmless snakes and wasted half a day before working it out. Also found the width problem more serious than originally expected and took a lot of time preparing the statistics to be worked up by Omar and Mrs. Leslie.

Shaw worked today

(June 10<sup>th</sup> Cont. from Jan. 29<sup>th</sup>)  
north to Boulder Dam from Kingman at 6:55. After sundown but still light cool. Some breeze. Full moon.

1 Red Racer M DOR 6 mi. N. of Kingman  
Rocks and Brush.

1 *Ptychocheilus* M DOR 3 mi E. of Boulder Dam on the Arizona side. Saved head. No question of scale separation. This is important as showing that *stephensi* did not cross the ~~to~~ river, as it is found directly opposite at Vegas Wash.

1 *S. occipitalis* DOR Boulder City. Saved.

1 *S. g. hexalepis* SDOR Whitney P.O. Clark Co  
Reached Las Vegas and found an auto  
Conrt (after many "No Vacancies") at 11 P.M.

(Continued on Jan. 31)

MONDAY, JANUARY 31, 1938

31st  
Day

334 Days  
to come

Shaw worked today.  
2 cards returned today

---

(June 10 Continued from Jan. 31)

It was clear and warm.

The evening drive was again very disappointing. The road from Kenyman to the dam is now all paved except for the first mile. It is raised in spots and the side brush has been trimmed away.

But either the moon or the low temperature  $73^{\circ}$  to  $75^{\circ}$  kept the snakes in. It was considerably warmer after we reached the dam.

Miles evening drive 97

Total today 390

Total for the trip to date 2127

TUESDAY, FEBRUARY 1, 1938

32nd  
Day

333 Days  
to come

Sick with a bad cold today;  
went down town for only an  
hour in the afternoon.

4 cards received from Minnesota.

Mrs. Leslie started work today.

(June 11 Continued)

Lt. brush desert. Raved head. 80°F

1 Gopher M DOR Yucca Station, Brush.

1 Red Racer L COR Halloran Spring

2<sup>10</sup> P.M. Cool and overcast. Brushy desert.

1 Dip DOR 6 mi. NE of Baker; 1 Leopard

Lizard DOR 7 " " " "

Whiptail and chuck noted 7 mi. SW of Baker

Whiptail, uta, and collared lizard shot or  
observed 7 mi. NE of Cronise.

Leopard lizard DOR 5 mi NE of Cronise.

Whiptail DOR 3 mi SW of Cronise, and dip  
5 mi. SW of Cronise.

P. platyrhinos DOR + Midway

Uta and whiptail observed at Harward.

Reached Barstow at 5 P.M., 78°. Left Barstow  
for Kramer at 5<sup>30</sup>. Cloudy and windy.

Evidently a poor evening for collecting.

1 Gopher L DOR Hawes Brushy desert

1 Red Racer L " " " "

1 Gopher L " " " "

1 " M " Timney " "

(Continued on Feb 2)

WEDNESDAY, FEBRUARY 2, 1938

33rd  
Day

Purification

332 Days  
to come

Home sick all day today  
1 card received

(June 11 continued from Feb 1)

This specimen was no different in appearance than any other Mogaiic Desert specimens.

1 Platyrhinus DOR 1 mi. N. of Kramer Jct.

1 Red Racer L DOR 10 mi. S. of Toledo St. 2 mi. S.

Black in head.

1 Gopher 11 DOR 5 mi. S. of Toledo St. 2 mi. S. of it.

We ate supper at the junction of 15th and the railway to Tama. It was cold and windy. 62° F. 73°. Full moon, some clouds. Started for Idaho at 130°.

Not a live specimen was seen on the road as it was much too cold.

Hard luck for the Mogaiic at this time of year.

1 Leopard lizard DOR at Kramer Jct. 7°

✓ 1 Callis DOR 8 mi. N. of Toledo. 11° tail bands. underneath

1 Red Racer L DOR 3 mi. N. of Toledo.

Reached Miller's Cross at 132°; 50°

Reached San Bernardino at 101°; very

cold. Hylas calling. Another cotton coming.

Few lizards today because of the cold.

Miles driving drive or dead 74; total miles today 324.

THURSDAY, FEBRUARY 3, 1938

34th  
Day

331 Days  
to come

Home most of the day feeling  
sunk.

(June 25<sup>th</sup> Continued)

The Narrows. We picked them up again when we started for home; also Dorn. Meanwhile Chas. Shaw rode on our ~~at~~ right fender; later Deuel rode on this fender until we reached Scissors Crossing. This method of hunting is certainly efficient when we are going slow enough. Also Miss Storey was very good at seeing snakes on the barn from the left rear window.

The results of my party:

1 Pacific Rattler L DOR Fields, Lagunaht

1 P. blainwillii Foot of Banner Grade

Reached the Narrows at 6<sup>45</sup>. 90°. Saw calley and itta Stansburiana. It was sundown. There was quite a breeze through the Narrows at this time.

At 7<sup>10</sup> the others, not having arrived, we started west from the Narrows. Dusk Temp. 88°.

Turned eastward again at Yaqui Well 7<sup>30</sup>. It was almost dark; slight breeze 89°. 7<sup>45</sup> lost a coleonyx.

7<sup>50</sup> Sonora DOR squirming saved. The Narrows  
(Continued on Feb. 4)

A little ~~better~~ today. Worked a little in the morning and evening. Decided today to recalculate the regression equations of the H-L relationships in both Pierre and Platteville series — a big job, but will feel better about it.

Have been thinking over the problem of determining how durations increase with L in any set up such as this. Don't think Harris had it right, if I understand his method.

(June 25<sup>th</sup> Cont. from Feb. 3)

Returned to the Narrows at 7<sup>00</sup>. Caught a *Uta* *graciosa* here. At this time the other party arrived.

- |   |           |                             |                                   |                 |
|---|-----------|-----------------------------|-----------------------------------|-----------------|
| 1 | Leafnose  | COR 3 mi. E. of The Narrows | 8 <sup>10</sup> , 8 <sup>10</sup> | slight breeze   |
| 1 | "         | COR 6 " " " " "             | 8 <sup>21</sup> , 9 <sup>00</sup> | completely dark |
| 1 | "         | COR 7 " " " " "             | 8 <sup>25</sup> , 9 <sup>10</sup> | on the burn     |
| 1 | Arizona M | COR 2 " W of Bensons        | 8 <sup>35</sup> , 9 <sup>10</sup> | "               |

Reached Bensons east bound at 8<sup>45</sup>, 9<sup>10</sup>,

a slight breeze blowing; no moon.

Got nothing between here and the County line which we reached at 9<sup>02</sup>.

- |   |          |                         |                 |
|---|----------|-------------------------|-----------------|
| 1 | Coleonyx | COR 2 mi. E. of Bensons | 9 <sup>10</sup> |
|---|----------|-------------------------|-----------------|

- |   |        |               |   |
|---|--------|---------------|---|
| 1 | Sonora | DOR " " " " " | " |
|---|--------|---------------|---|

(Continued on Feb. 5)

Worked all day and evening on the head-length head-width relationship and made good headway. Also retabulated both the Peaterville and Pierie correlations for recalculation.

Phaw worked today making special head length measurements.

1 Minnesota card returned today.

2 large striped racers DOR Euclid Ave Reported by Perkins.

(June 25<sup>th</sup> Cont. from Feb. 4).

1 Leafnose COR	5 mi. E. of The Narrows	937	90°
1 Coleonyx COR	2 " " " "	950	90°
1 Leafnose COR	1 " " " "	956	89°

(quite windy here)

1 Arizona M COR	1 " " " "	959	89°
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Reached the Narrows at 9<sup>59</sup>. Quite breezy here 88°. Picked up Mrs. David and Devel. They had 3 Coleonyx.

1 Sonora DOR	4 mi. W. of The Narrows	1020	
1 Leafnose L	" " " " "	1016	

Yagui Well at 10<sup>33</sup>; 86°

1 Coleonyx COR	2 mi. W. of Yagui Well	1040	86°
1 Leafnose COR	" " " " "	1042	86°

(Continued on Feb. 6<sup>th</sup>)



SUNDAY, FEBRUARY 6, 1938

37th  
Day

5th Sunday after Epiphany  
Transfiguration—Lutheran

328 Days  
to come

Again worked on head with  
Correlation and practically finished  
the notes up.

Phaw worked today.

(June 25<sup>th</sup>, continued from Feb. 5<sup>th</sup>).

- 1 Garter L DOR Sentenac Canyon
- 1 Coleonyx COR " " 10<sup>50</sup>, 84°
- 1 Spotted Nite COR " " 10<sup>56</sup>, 80°

Reached Scissors Crossing at 11 P.M. 80°  
breezy. From here Deuel drove in as  
far as El Cajon. I picked it up here; we  
made fast time to get Miss David to  
the 1<sup>15</sup> car. Made it in spite of some fog.

Arrived home at 1<sup>45</sup> A.M.

Total miles 229; miles in S.D. Co in  
daylight 103; night hunt on the desert 50.

Log of the Perkins party.

Left the zoo at 3<sup>40</sup>.

- 1 Striped racer DOR Lakeside
- 1 Gopher DOR Ramona
- 1 Long nose DOR Ballena
- 1 Gopher DOR Pine Hills.
- 1 Boyles King DOR Julian.

1 Red Racer L COR Banner 6<sup>45</sup>

1 Boa L COR Sentenac Bridge 7<sup>00</sup>

lost a longtailed uta 5 mi. W. of The Narrows  
at 8<sup>35</sup>.

(Continued on Feb. 7<sup>th</sup>)

MONDAY, FEBRUARY 7, 1938

38th  
Day

327 Days  
to come

3 cards returned today.

Jim Deuel worked in the afternoon.

Mrs. Leslie worked on calculations.

(From 25<sup>th</sup> Continued from Feb. 6)

Turned east again near Yaqui Well and reached the Narrows at 9:15. Not getting anything here.

1 Leafhopper COR The Narrows 9:15

1 Sonora COR 2 mi. E. of The Narrows 9:24

1 Leafhopper COR 5 " " " " 9:35

Turned west at the station 1 mi. W. of Benson

1 Leafhopper COR 4 mi. E. of The Narrows 10:25

1 Arizona COR " " " " " " 10:37

1 Cerastes COR 3 " " " " " " 10:35

1 Leafhopper COR 3 " " " " " " 10:35

1 " COR 2 " " " " " " 10:36

1 " COR 1 " " " " " " 10:40

1 Arizona COR 1 " W " " " " 10:53

1 Leafhopper COR 4 " " " " " " 11:00

1 " DOR 2 " " " Yaqui Well 11:10

1 " COR Lg 3 " " " " " " 11:14

1 Wormsnake DOR at the Cattle Guard = Sentenac

Reached home about 2:30

Night desert drive 56 miles.

Temp 86 to 89  
bump

TUESDAY, FEBRUARY 8, 1938

39th  
Day

326 Days  
to come

A few calculations tonight

1 Questionnaire returned today

Went to El Cajon today, 2 miles.

nothing seen

(July 1 Continued)

Caught 2 *Coleonyx* on the road at Big Horn,  
Maricopa Co (= 21 mi. E. of Gila Bend)  $10^{\circ}18'$ ,  $80^{\circ}$

1 Small scute DOR just east of the Maricopa-Pinal  
Co line (= 2 mi. N. of Antelope Peak)

1 *Alvarius* COR 11 mi. W. of Casa Grande

1 *Coleonyx* LOR 6 mi. W. of Casa Grande

1 Scute M COR 5 mi. W. of Casa Grande

$11^{\circ}37'$ ,  $81^{\circ}$ .

As we approached Casa Grande *Alvarius*  
was plentiful on the road. *Cognatus* and  
*woodhousii* were heard. Many *alvarius*  
were picked up under street lights, along  
the gutters, on sidewalks etc. They were  
everywhere. We picked up about 30.

Turned in for the night in Casa Grande at  
an auto court at  $12^{\circ}30'$ . Still about  $80^{\circ}$ .

Moon set long ago. A very disappointing  
evening drive under perfect weather conditions.

The moon set early. Must be too late in the  
season. 2 Boys on the fenders for about 30 miles  
so we didn't miss anything. Tried the new  
lights (gog) for the first time. They work  
(Cont. on Feb. 9)

WEDNESDAY, FEBRUARY 9, 1938

40th  
Day

325 Days  
to come

1 Card and 1 Questionnaire returned  
tonight.

Tim Deuel worked today

---

(July 1 Cont from Feb. 8)

fine. Give an excellent illumination  
of the keru

Miles today 350; in S. D. Co 84;  
evening desert drive 59.

Tabulated head widths tonight  
1 card returned

(July 2 continued)

which the recent rains have caused.

We reached Tucson and put up at the Sunset Villas auto court. It was 12<sup>30</sup>; warm, part cloudy and sultry. Bufo alvarius was noted DOR everywhere about Tucson and down to the Mission; also foot of A Mountain. A collared lizard was also noted here. After lunch we went out to the Mission to look over the road and then back by way of the City Dump. Here we hunted under rubbish particularly paper. It was damp, even wet under the rubbish because of the recent rains; said to have rained 2" last Tuesday. There are many puddles alongside the roads. We got a tentilla, a skelly and whiptail. The tentilla was under a cardboard, well bedded into the earth. Warm and sultry all afternoon.

Later we went out to Pabris Canyon. 1 Cally DOR bms E of Tucson. At the Canyon we caught Uta ornata symmetrica, Rana pipiens and Hyla arenicolor.  
(Continued on Feb. 11)

Junior League party tonight  
at Coronado: out very late.

(July 2 Cont. from Feb. 10)

*Sceloporus clarkii*, whiptails, and  
*Holbrookia texana*? were in evidence but  
not secured as we could do no shooting.

On the evening drive we reached  
Congress and Grand at 7<sup>40</sup> about 10 minutes  
after sundown. It was still warm and  
sultry (88°) with many clouds in the  
sky. Our itinerary was as follows:

S. to S. Boundary of Reservation (= 1 mi  
S. of Mission Junction; this section  
being unpaired) 86° 8<sup>15</sup>.

N. to Ajo Junction 82° 8<sup>35</sup> almost dark

S. to S. Boundary of Res 78° 9<sup>08</sup> Now dark.

N. to Ajo Junction 78° 9<sup>38</sup>.

W. on Ajo Road 7 mi. 82° 10<sup>25</sup>

E to Ajo Junction 82° 10<sup>25</sup>

S to Mission 82° 10<sup>45</sup>

N to Congress & Grand 11<sup>10</sup>

E to Labor's Canyon 11<sup>45</sup>

W and S to Camp 11<sup>46</sup> 78°

A very barren and disappointing night.  
The weather seemed perfect. Toads were  
very plentiful especially cognatus  
calling violently in one roadside  
(Continued on Feb. 12)

SATURDAY, FEBRUARY 12, 1938

43rd  
Day

Abraham Lincoln, Born 1809—Georgia Day (Ga.)

322 Days  
to come

Worked all day on head width calculations. This is now in good shape. The whole paper is nearing a conclusion.

(July 2 Cont from Feb. 11)

pond and they and other toads were noted crossing the road at many points. The first part of the night trip we drove slowly and carefully with a boy on each fender. After we returned from the Ajo road side trip we went faster. Evidently this is not the season; unless it be immediately after a rain. There was a  $\frac{2}{5}$  moon which set about 10<sup>50</sup>.

The results of the evening drive:

- 1 *L. g. splendida* <sup>*symensis*</sup> L. COR 7<sup>50</sup> 84° Mesquite dusk.  
2 mi. N. of Mission San Xavier  
1 *P. solari* COR Mission San Xavier 8<sup>00</sup> 84°  
2 *Thamnophis* COR 1 mi N of Mission 8<sup>03</sup> 84°

Mesquite and puddles

- 1 *B. cognatus* 2 mi. N. of mission 8<sup>26</sup> 84°  
*Bufo alvarius* seen at 8<sup>38</sup> at Ajo Junction  
Callej DOR 1 mi. S. of Ajo Junction  
2 *B. woodhousii* COR 8<sup>46</sup> 80° N. Highway of  
Indian Reservation

*Alvarius* seen at 2 mi. N. of mission 80° 8<sup>50</sup>

Also spadefoot? taken here.

Caught many *Cognatus* and 1 *pipiens* in a  
pond 1 mi N. of mission at 8<sup>51</sup> and 9<sup>20</sup> 78°  
(Continued on Feb. 13)

SUNDAY, FEBRUARY 13, 1938

44th  
Day

Septuagesima

321 Days  
to come

Worked all day on the head  
paper and made good progress  
rearranging the discussion of the  
Full Plateville and Pierre series.  
More logical now.

Chas. worked today on ND  
series of young rocks

---

(July 2 Cont. from Feb 12)

1 *Thamnodon* COR Mission Junction

9<sup>00</sup> P.M. 78°.

1 *Gopher* S COR 3 mi. W. of Ajo Junction

9<sup>50</sup> 82° F

1 *Gecko* COR 6 mi. W. of Ajo Junction.

P. *Solar* DOR foot of "A" Mountain

1 Spotted Night Snake L COR at entrance  
to Sabino Canyon 11<sup>45</sup> 78° F

Returned to the auto camp at 12<sup>25</sup> and  
preserved the toads. It was 78°; no wind.

Miles today 222; evening drive 90  
of which 85 should be considered possible  
territory.



MONDAY, FEBRUARY 14, 1938

45th  
Day

St. Valentine's Day

320 Days  
to come

Went to Los Angeles this morning.  
Started at 6<sup>45</sup>. got as far as Rose  
Canyon and then came back for  
a portfolio. Restarted at 7<sup>20</sup>; arrived  
at 9<sup>30</sup>. Raining north of county  
line. Nothing seen

Saw Hill a few moments in the  
afternoon at the hotel

Worked on head length in the evening

TUESDAY, FEBRUARY 15, 1938

46th  
Day

Battleship Maine Destroyed 1898

319 Days  
to come

Returned from Los Angeles at 4<sup>05</sup>.  
Arriving at 6<sup>55</sup>. Too dark to count.  
Turkey dedication tonight

(July 3 Continued)

- 2 Dyer's DOR 4 mi. N. of Florence. Rained 1.  
Hunted here in the brush; now quite hot.  
Got nothing. Reached Apache Junction  
at 1<sup>30</sup>. Hot.
- 1 Boyles King DOR Tempe Maricopa Co.  
Fields. Narrow but clear light rings.  
Saw Evans and got from him a hatch?  
taken on the Agua Fria river 8 mi N. of  
Maricopa. Reached Phoenix at 3<sup>30</sup>. Hot.
- 1 Gopher S DOR Morristown Maricopa Co.  
Brush. Calli seen 4 mi NW of Morristown  
Hunted in the Harcuway Mts Yuma Co  
at near Hope and got whiptails. 5<sup>30</sup> P.S.T.  
nothing else out.
- 1 Patchmore M DOR 3 mi W. of Brenda, Yuma  
Co. Rocky desert. Car acted funny here.  
Reached Blythe at 6<sup>30</sup>. Warm sundown.  
Got an auto count and ate supper.
- Started on the evening drive from Blythe  
at 7<sup>48</sup>. 1/4 moon. No wind, 84°. Went 26  
miles north on the Vidal-Needles road  
No. 145. It seems to be partly irrigated  
(Cont. on Feb. 16)

PCEA meeting tonight

(July 3 Continued from Feb 15)  
and partly desert. Some stretches  
were cool. Any way it was  
practically barren and we were  
once more disappointed.

1 *T. marciarius* S. DOR 4 mi. N. y  
Blythe. Paved.

1 *Gekko* DOR 5 mi. N. y Blythe.

Turned south at 9<sup>08</sup>. Drove slowly  
this far with boys in the fenders, but  
gave it up and came back fast.

1 *Cognatus* CO R 4 mi. N. y Blythe.

Arrived home at 10 PM tired and sore.  
80° quiet.  $\frac{1}{2}$  moon.

Total miles today 347; miles in  
evening drive 54.

Brought this diary up to date before  
going to bed.

The large King snake from near San  
Xavier Mission died from the heat today  
and was pickled. All the other animals  
came through OK. We keep the toads  
in the shower rooms at night.

THURSDAY, FEBRUARY 17, 1938

48th  
Day

317 Days  
to come

Drove to Los Angeles this morning with Gg, Alice, and Ark. Started at 7. Went via Pasadena. A clear cool day. Nothing seen inside or outside of County

→ Meetings today. Went to "You Can't Take it With You" tonight.

(July 4 Continued)

Blythe (= Hopken's Well) and got several lizards. A leopard lizard collected here contained a *Uta* *graciosa*.

In the Chuckawalla Valley Callie's were seen 14 and 18 mi. E. of Desert Center; and Dips 7, 15 and 16 mi. E.

*Uta stansburiana stejnegeri* was seen 8 mi. W. of Desert Center

130 P.M.

Dips seen at Mesca. Lunch at Oasis. Hot Callie at Benson's Dry Lake

Caught a platyphimus on the road at the top of the Sentinel just E. of the Scissors Crossing bridge. Reached Banner at 3 P.M.; it was fine and cool after the desert.

*Blainvillie* seen on the road at Witch Creek. Bilderback thought he saw a snake on the road on Messers Grade, otherwise not a thing was seen in  
(Continued on Feb. 18)

FRIDAY, FEBRUARY 18, 1938

49th  
Day

316 Days  
to come

Returned from Los Angeles today starting at 8. Stopped at Laguna Beach and ran into Bevan by accident. Some rain. Got home at noon. Nothing seen.

Worked on head length calculations tonight, and made fair headway.

1 Old card read today

(July 4 Cont. from Feb 17)

S.D. Co.

Arrived home at 5 P.M., Clear and cool. Miles today 235; in S.D. Co. 96; total for the trip 1154.

If the trip proved anything it was that July is too late in the season except for toads which were thick and active in Southern Arizona. Maybe the snakes are not immediately after a rain. Would like to try it. But the spring is probably best, although the weather would be a gamble. A cold spell might be struck and this would mean total failure.

Worked all day and late into the evening on head length. Cleared up some points, but it didn't go as fast as I hoped.

1 Card read today.

Shaver worked.

(July 24 Cont)

with trees in the deeply eroded bottoms. If magister occurs here it might be found all along the west side of the San Joaquin. This would be a good country to drive in nights in those territories where the road is paved.

4 mi. E. of Panoche we hunted in a flowing, shallow warm creek. Got a number of yellow legged frogs and 1 garter snake. The frogs were quite plentiful. The garter was in the open behind a rock. This was at 3:30 PM and warm. The frogs took to the bottom but as the creek was shallow, were easily caught. The creek was odorous. Sulphur? This was in San Benito Co. looked at a roadside pool at Jameson, Fresno Co. Saw a Rana a. draytonii and caught a Boyle's King crawling in the open. This was at 4:50 PM. Warm.

Reached Fresno at 5:30. Hot. Stopped at Delano at 9:30. Warm. Miles today 199

SUNDAY, FEBRUARY 20, 1938

51st  
Day

Sexagesima

314 Days  
to come

The head length paper is finally finished. Only have to check the Blakeman test for linearity, and check the correlation between  $L$  and  $\sigma_H$ . Will do this when Mrs. Leslie has made the  $H$  computations.

Took over to the Museum a set of material for Tony Green for the Scripps trip to the Gulf of California as follows:

2 New Stevens Single Shot Rifles.

2 Rem Rods

200 shot shells

Tags, Scissors, Steel Wool.

2 gal Jars in paper boxes.

Old Auto Box Containing

2 Half gals (1 filled with alcohol)

6 qts (2 filled with pure formalin)

MONDAY, FEBRUARY 21, 1938

52nd  
Day

313 Days  
to come

Today I went out to Ramona  
for the Rotary lunch; thence to Escondido  
where I talked to the 'womens club  
on snakes. Started at 11 AM.; Returned  
at 4<sup>30</sup>. A clear warm day. 83 miles.

1 gopher S DOR Lakeside grass  
1 garter M DOR San Pasqual <sup>Pond</sup> ht. brush.  
1 alligator L. DOR Mission Valley.

Reptile Club tonight  
Cook called  
← Cards returned.

Shorty started work today



✓  
TUESDAY, FEBRUARY 22, 1938

53rd  
Day

George Washington—Born 1732

312 Days  
to come

Iris Devel worked this afternoon.

Miscellaneous work today.

Calculated the trend in  $\sigma_H$  and ~~corrected~~ wrote  
the section on this. Further work on  
linearity.

WEDNESDAY, FEBRUARY 23, 1938

54th  
Day

311 Days  
to come

Jim Deuel worked today.

1 card received.

Von Parkinson called this  
afternoon. He is here temporarily.

THURSDAY, FEBRUARY 24, 1938

55th  
Day

*St. Matthias*

310 Days  
to come

Worked on linearity tonight This  
is still a tough egg.

FRIDAY, FEBRUARY 25, 1938

56th  
Day

309 Days  
to come

Movie tonight.

Lau Cy this noon.

Shaw worked today

Bob Hoard <sup>reports</sup> the following at Kensington  
Heights

2 Boyles Kings

1 Ring Neck

1 garter

SATURDAY, FEBRUARY 26, 1938

57th  
Day

308 Days  
to come

Shaw worked today; also Devel  
in the afternoon.

Cleared up miscellaneous items,  
And then worked again on the  
linearity test of H on L. Finished it  
but it is very unsatisfactory. The  
test is too delicate when the  
correlation is high

SUNDAY, FEBRUARY 27, 1938

58th  
Day

Quinquagesima

307 Days  
to come

Worked on income taxes today.

Bob Hoard called this afternoon to discuss his trip to Lower California this summer.

(June 6<sup>th</sup> Cont)

In the afternoon we called on O. Harrington at the Hotel Geronimo and talked snakes for quite a while. He told me of a scute from 5 mi. S. of Fort Huachuca.

Then we called on Vorhees at the University but saw him only a short time as he had an engagement. We saw his *Oxybelis* and *Elaphe chlorosoma*. He had a *Crot. C. Willardi* from the Santa Ritas which he promised to lend for the show in July. He was proud of a *P. browni* which he had secured in the last day or so and was flabbergasted when he learned we had taken 3 last night. We then saw the University preserved material. It is in very bad shape; much of it dry and without labels. They had a few very good things. I noted particularly a *Sanura occipitalis* from Tucson like Huey's from Pacheco. There were a number of worm snakes and a *Chilomeniscus*, the latter from Tucson.

(Continued on Feb. 28)

MONDAY, FEBRUARY 28, 1938

59th  
Day

306 Days  
to come

Worked on the same old problem of estimating  $\sigma$  of a supply from  $\sigma$  of a sample tonight.

(June 6<sup>th</sup> Cont from Feb 27<sup>th</sup>)

A student named Flood? is about to overhauled the collection. I offered to identify anything that bothered him, and gave him quite a few at the time.

Later in the afternoon we drove out to Pabino Canyon. A little of the country along the way looks good, and the Canyon itself looks fine, but too strenuous for us. We caught a couple of Para-pipier. 39 miles on this trip. Returned to Tucson and took it easy for a while. Very hot again this afternoon, but not as sultry as yesterday.

In the evening we had one of the most disappointing experiences of years for we expected to repeat last night's favorable results with Phyllophrynus but got not a single specimen. We decided to concentrate on the section between the Ajo March and the Mission where they were found the night before but something was different, either the temperature or the humidity.  
(Continued on Mar 1)

TUESDAY, MARCH 1, 1938

60th  
Day

Shrove Tuesday  
(Mardi Gras, Ala., Fla., La.)

305 Days  
to come

## Eales at dinner tonight

(June 6 continued from Feb 28)

We reached Congress and Grand at 7<sup>25</sup> and thereafter shuttled back and forth no less than 8 times getting more discouraged all the while.

Then feeling that it was hopeless we ran up the Casa Grande highway about 10 miles. Finally we returned to the auto camp.

There was some breeze and half a moon. The air was drier than last night. Some temperatures were as follows:

7 <sup>25</sup>	Grandson	91°	It was decidedly
7 <sup>35</sup>	Ajo Junction	86°	cooler along the
7 <sup>42</sup>	Mission	84°	road toward
8 <sup>35</sup>	"	86°	Jaynes; down to
1 <sup>15</sup>	"	84°	70° in places.

The poverty stricken results follow:

1 Gopher S ~~SE~~ COR Xavier Mission 7<sup>43</sup>, 84°;  
not quite dark

1 Gecko DOR 3 mi. N. of Xavier Mission

1 H.T. Alvie and 1 H.T. DOR " " 9<sup>15</sup>, 84°

1 H.T. DOR 4 mi. SE of Jaynes Station (= <sup>Jaynes</sup> station)

1 Ceremonia M. DOR 1 mi. N. of Ajo Junction (= Tucson)

Returned to auto camp at 11<sup>10</sup>; still hot.

Miles evening drive 76; total today 115.



WEDNESDAY, MARCH 2, 1938

61st  
Day

Ash Wednesday  
Texas Independence Day

304 Days  
to come

Bad storm today. Plenty of  
troubles.

THURSDAY, MARCH 3, 1938

62nd  
Day

303 Days  
to come

at Eales hotel tonight. Still  
plenty of storm trouble.

✓ Kobler records a large red rattler  
at Pala on this date

FRIDAY, MARCH 4, 1938

63rd  
Day

302 Days  
to come

Recalculating regression lines on  
Platteville and Peire series tonight.

SATURDAY, MARCH 5, 1938

64th  
Day

301 Days  
to come

Jim and Chas worked today  
scale counting on harmless snakes.

Spent the day on the head  
lengths which was finished long ago;  
but found an error in the Platteville  
and Pierre regression equations, and  
must do some recalculating. The  
test for linearity is a test when  
 $r$  and  $y$  are high as in this case

SUNDAY, MARCH 6, 1938

65th  
Day

*1st Sunday in Lent*

300 Days  
to come

More calculating. Also accounts  
Once more finished that head length  
paper.

MONDAY, MARCH 7, 1938

66th  
Day

299 Days  
to come

A little miscellaneous work done  
tonight.

1 Card returned

TUESDAY, MARCH 8, 1938

67th  
Day

298 Days  
to come

Out to dinner tonight  
Saw Cy at the zoo this morning.

WEDNESDAY, MARCH 9, 1938

68th  
Day

*Ember Day*

297 Days  
to come

a little ms. checking tonight.  
Jim worked this afternoon.



THURSDAY, MARCH 10, 1938

69th  
Day

296 Days  
to come

Out to dinner tonight.

FRIDAY, MARCH 11, 1938

70th  
Day

*Ember Day*

295 Days  
to come

Shaw worked today.  
Miscellaneous clean-up tonight.

SATURDAY, MARCH 12, 1938

71st  
Day

Ember Day

294 Days  
to come

Business most of the day. A few recalculations on Platteville and Pierrie series.

✓ Geo Myers was in town from the Hancock expedition but I had no chance to see him. Understand they got some good specimens.

SUNDAY, MARCH 13, 1938

72nd  
Day

2nd Sunday in Lent

293 Days  
to come

Made some headway on recalculations.  
Out to dinner tonight.

MONDAY, MARCH 14, 1938

73rd  
Day

292 Days  
to come

Last preliminary copy of the head dimensions paper was completed today. Will submit it shortly.

Interviewed WPA officials re Mrs. Leslie's salary.

- ✓ Understand Marilyn Perkins is in town.
  - ✓ Lecture by Sumner on animal coloration at the Natural History Museum tonight.
- Very good

TUESDAY, MARCH 15, 1938

74th  
Day

291 Days  
to come

- Met Marlin Perkins and his wife at the Zoo this noon. Gave Cy Perkins a copy of the head paper to criticise
- Bob Hoard reports a Boyles King in S.D.

WEDNESDAY, MARCH 16, 1938

75th  
Day

290 Days  
to come

Still working on the head length  
paper tonight.

THURSDAY, MARCH 17, 1938

76th  
Day

*St Patrick's Day*

289 Days  
to come

Coronado Hotel dinner tonight

Report from Gm Danforth: Contia tenuis  
3½ mi. NE of Napa.



FRIDAY, MARCH 18, 1938

77th  
Day

288 Days  
to come

✓ Went to the La Jolla Kiwanis Club today and gave an illustrated snake talk. They cut me short and rather spoiled it. 15 miles. Nothing seen. A fine warm day.

Mrs. Wiley was in town today and was to have come to the office at 4 P.M. but did not show up.

Shorty finished entering the field trips for 1937 this afternoon.

little clean up work tonight ;  
too tired

SATURDAY, MARCH 19, 1938

78th  
Day

287 Days  
to come

Went to the zoo this morning and got the Velerio III specimens - about 150. At noon went to welcome the LA High School kids brought down by the new Santa Fe streamliner. Otherwise worked all day on the interminable head length paper and miscellaneous items. Chas Shaw worked today.

Dinner to 2:1 tonight.

Shorty finished bringing the card files to date.

SUNDAY, MARCH 20, 1938

79th  
Day

3rd Sunday in Lent  
First Day of Spring

286 Days  
to come

Worked on pasting species  
names on 4 figures for head paper.  
Also still worked on deviation of the  
line of best fit from 100%

Philip arrived in the morning

Bob Hoard called in the afternoon.

Chas. Shaw worked all day.

MONDAY, MARCH 21, 1938

80th  
Day

285 Days  
to come

## Reptile Club tonight.

(May 14<sup>th</sup> Continued)

Also Cy found a spotted night snake here under a yucca. This was at 11<sup>20</sup> A.M.

Both kinds of yuccas are found here.

We turned off the 29 Palms Road toward Quail Spring, and ate lunch at the spring at 12<sup>30</sup>. It was hot. Got a uta alive here and saw a magister but did not get him. The road was pretty tough. We got stuck once but only for a few moments.

Hunted 3 mi. E. of Keys Ranch, Riverside Co, Joshua Natl Monument. Got *Xantusia vigilis* and saw a uta. Got a skelly also.

Hunted 2 mi. S. of Split Rock. Got several kinds of lizards. Also a mitch under a rock.

Caught a large tortoise 2 mi S. of 29 Palms. Turned him loose.

Calley DOR 1 mi E. of 29 Palms

Reached 29 Palms at 4<sup>30</sup>. It was cloudy and sultry. The trip through the Joshua National Monument was interesting. There are many good rocky areas and fine stands of yuccas but the road is rather poor.

(Continued on March 22<sup>nd</sup>)

TUESDAY, MARCH 22, 1938

81st  
Day

284 Days  
to come

Today submitted the head length ms.  
to Abbott. at last.

Got Tony Green's specimens taken  
at Magdalena Bay. Not many because  
of Bob Scripps death.

(May 14<sup>th</sup> Continued from Mar. 21)

We went 5 miles west of 29 Palms  
and took it easy for 2 hours. ate supper  
here. Then we went back to 29 Palms  
and started the evening drive at 6<sup>45</sup>  
P.m. Cloudy, warm, and a little  
wind. 84°F to 86°.

1 Gecko 2 mi. W. of 29 Palms 7<sup>10</sup> almost dark 85°F  
1 " 7 " " " " " 7<sup>30</sup> dark 82°F

1 Plateyrhinos DOR 4 mi. N. of 29 Palms

1 Arizona COR 8 mi. E. of Lone Star,

San Bernardino Co. 7<sup>50</sup> 82°.

1 Sidewinder DOR 6 mi. E. of Lone Star saved head.

1 Arizona COR 4 mi. E. of Lone Star 8<sup>05</sup>

81°. mild breeze, moon almost obscured  
by clouds.

1 Gopher M DOR Lone Star saved.

1 " S " " " "

1 longnose COR Morongo Valley  
8<sup>45</sup>, 78°, no moon.

1 Gecko caught 1 mi N of Alameda  
Junction at 9<sup>20</sup>

(Continued on March 23)

WEDNESDAY, MARCH 23, 1938

82nd  
Day

283 Days  
to come

Abbott passed the paper for  
publication today

Called on Behrens.

Out to dinner.

(May 14 Cont. from Mar 22)

1 Gopher DOR Palm Springs Station

Wind very bad here and on the mesa  
to the north.

1 Arizona DOR Palm Springs Station

1 Dip " " " "

1 Arizona COR " " "

9:35 Very windy 86°

1 Arizona DOR Palm Springs

1 " " " "

1 Red Racer " " "

Reached Palm Springs at 10:05. Both hylas  
were heard.

1 Sidewinder COR Cathedral City 10:25 88°

Dark. No moon. No wind.

1 Longnose DOR Cathedral City

1 Tonora DOR 2 mi S. of Cathedral City

1 Anserous COR 2 mi W. of Indian Wells

11 P.M. 88°

1 Sidewinder small DOR 3 mi S. of Cathedral City

Reached Indio at 11:15. Quite warm, moon  
obscured. Not much breeze. Pickled specimens  
until midnight. Miles today 187.

THURSDAY, MARCH 24, 1938

83rd  
Day

282 Days  
to come

*a few calculations tonight.*

FRIDAY, MARCH 25, 1938

84th  
Day

*Annunciation (Maryland Day)*

281 Days  
to come

Talked over head length paper  
with Perkins

Shaw worked this afternoon.

Dr. Barlow called up late this  
evening.

Worked on school talk.



SATURDAY, MARCH 26, 1938

85th  
Day

280 Days  
to come

✓ Visited with Barbour this morning from 9 until noon; first at home, then at the Natural History Museum and the Zoo. Had a most interesting time but all too short by the necessity of his early departure.

At noon gave a talk on high school graduates and their qualifications to the Commercial High School Teachers of Southern California. The lunch lasted until 3.

City of San Diego unj-neck disgorged a Batrachoseps 3-23.

SUNDAY, MARCH 27, 1938

86th  
Day

4th Sunday in Lent—(Mid-Lent)

279 Days  
to come

Shaw worked today.

Worked on mapping; today. got  
through all cards except Washington  
and Oregon.

Out to lunch.

MONDAY, MARCH 28, 1938

87th  
Day

278 Days  
to come

Armstrong and Brock returned today. All their material returned OK. Got very few specimens and these in poor shape - not properly slit. Very soft. Little looks interesting.

Jim worked this afternoon.

Mapped Washington records tonight and made good headway.

A large sea snake brought back by Cy Perkins

L. 809 mm.

Ht at mid body 40 mm.

Head width 28

Head length 46

Tail 80

TUESDAY, MARCH 29, 1938

88th  
Day

277 Days  
to come

Received a medium Calling  
from Ted Myers — Pacific Beach.  
Some mapping tonight

WEDNESDAY, MARCH 30, 1938

89th  
Day

276 Days  
to come

A little mapping tonight

THURSDAY, MARCH 31, 1938

90th  
Day

275 Days  
to come

Today it was clear and cool.  
Went to La Mesa, El Cajon, and Lakeside,  
Foster. Out by the lower road, home by  
El Cajon Ave. 43 miles.

1 *Oreganus large* DOR Fletcher Hills  
Grass

FRIDAY, APRIL 1, 1938

91st  
Day

274 Days  
to come

Out to dinner tonight at Edmonds  
Some mapping done at noon.

SATURDAY, APRIL 2, 1938

92nd  
Day

273 Days  
to come

This morning called at the zoo and Natural History museum. At the zoo head of a young Oreganus which was seen to eat a lizard.

This afternoon started for Oceanside to pick up Chickering, whose train had failed to make connections at Ocean ~~Los~~ Angeles. Started at 12<sup>35</sup>; a clear warm day. Arrived at Oceanside at 1<sup>35</sup>; started eastward with Chickering at 2. Went to Warner's Hot Springs via San Luis Rey, Pala, Rincon, up new south grade to Crestline. Then over to the observatory site, back to Crestline, then down the east grade to Henshaw Dam. Stopped for a while to talk to Jim Kitchen. Then to Warner's Hot Springs where we stayed for the night. Arrived at 5<sup>15</sup>. A fine clear warm almost windless day. Turned in at 8. Rather cool up on the mountain. Total miles 115.

1 *T. s. mifernalis* L DOR San Luis Rey Grass

1 *M. lateralis* L DOR Pala Brush, rocks, stream

(had just eaten a large skelly. lizard)

1 gopher L DOR Cucu mesa Grass, rocks.

A few lizards seen at Rincon. Hylas heard at Henshaw & Warner's.



SUNDAY, APRIL 3, 1938

93rd  
Day

5th Sunday in Lent  
Passion Sunday

272 Days  
to come

Today's trip. Warners ; down San Felipe Valley to Secciors Crossing ; Sentenac ; Borego Palm Canyon via Yagui Pass ; walked up to just palms ; back down the valley to The Narrows ; east to Kane Spring junction ; south to Westmorland, Brawley, El Centro ; west to Sacramento and via the highway to Lakeview ; then across to Lakeside , back over the hill to Bostonia and home via Flecher Hills . A fine clear warm day - almost hot on the desert . Total miles 234 . In San Diego County 127 .

Left Warners at 7<sup>45</sup> . A few utas were seen in Sentenac and around Yagui Well . Caught a Uta crossing the road at foot of Yagui Pass (call it Yagui Well) 9<sup>45</sup> A.M. Comfortably warm . Uta and whiptails are out in Borego . Plenty utas seen in Palm Canyon and 1 megalops . Stopped at Sand Hills east of Dry Lake and ate lunch . Found a Dip mired on a mesquite thorn . Think he just got there having heard me . McCallie DOR 4 mi W of Kane Spr. Junction .

1 Gopher J. DOR La Porta Rocks - brush .

1 M. lateralis M. DOR Flinn Spr. Grass - brush .

Home at 5<sup>10</sup> .

MONDAY, APRIL 4, 1938

94th  
Day

271 Days  
to come

Took Chickering out to Lea Tolla  
today. 10 miles - nothing seen.  
Jim Deuel worked this afternoon.

Talked to J. D. Spreckels Dodge,  
F. & A. M. tonight on snakes.

Hoad reports a banded King  
(boykin) City. Also a large unicolor  
skink (<sup>nigricaudatus</sup> ~~atracaudatus~~) at Colman  
School, 10 mi. N of Escudido =  
Moosa Canyon

TUESDAY, APRIL 5, 1938

95th  
Day

270 Days  
to come

Rattle summary sheets have now been finished by Mrs. Leslie and Omar for standard scale counts. These have now been put in 4 books with guide cards.

Philharmonics tonight

WEDNESDAY, APRIL 6, 1938

96th  
Day

269 Days  
to come

Deuel and Shaw worked this afternoon. All snakes, rattlers and others have been counted and are up to date.

Lewis from Wisconsin called today.

Ted Myers brought in a large gopher from Camps\*.

Gave it to Shaw.

Worked tonight on odds and ends.

\* later news it was from Jamaica.

THURSDAY, APRIL 7, 1938

97th  
Day

268 Days  
to come

Accounts figured tonight

Heard today that Royal Gould was bitten in the thumb by a ruler through a sack. The circumstances are somewhat obscure as he is probably trying to hide some facts. The girl who was with him said he poked the snake. He says it struck at a shadow on the pack.

Reported by Gander

Small gophers under a plank. Lilac  
Released. Noon

Large Calif deer crossing road  
Escaped. Heavy with food here

Red Rattles Moose Canyon Noon  
Collected - Moose

FRIDAY, APRIL 8, 1938

98th  
Day

267 Days  
to come

Called at the zoo today!  
State income tax calculations  
tonight

A party by the name of Organbright  
got a Tremorophodon at the Narrows,  
today run over but still kicking.

Reported by Jander.

1 L. + 15 Gopher DOR Rincor.

SATURDAY, APRIL 9, 1938

99th  
Day

266 Days  
to come

Worked all day on miscellaneous items especially rearranging and expanding the data in all loose ~~leaf~~ books. Went to Marty-Anne's wedding in the afternoon.

Jim Deuel worked all day today.

---

(April 10<sup>th</sup> Cont.)

of the following:

Cedros Island Worm Snake

The Range of the Yuma King Snake

The Range of *Xantusia henshawi*

The Prairie Rattlesnake in Iowa.

Reported by Gardner

1 Ruler L FOR ~~measured~~

SUNDAY, APRIL 10, 1938

100th  
Day

6th Sunday in Lent (Palm Sunday)

265 Days  
to come

I today studied the differences between Eumeces skiltonianus and E. g. rubricaudatus. Taylor gives the following differences:

	<u>Rubri.</u>	<u>Skilt.</u>
Supralabials	Usually 8	Usually 7
Interparietal	Not usually enclosed.	Usually enclosed

Using a bunch of large unicolored specimens, and 3 with real pink tails while quite small, we find all unenclosed and all but 1 on one side with 8 supras.

Observing some clearly skilts and some questionable we find that enclosure is a poor key, for about  $\frac{1}{2}$  are unenclosed. Some of the larger ones are pink, particularly below so this is a poor character except the tiny ones which are bright. But the supras are all seven except in one spec. which is 7-8 and another which is 8-8. So this is a better character than the parietal. Best of all seems to me the shape of the <sup>inter</sup>parietal. For in skilt. this is sharply wedge shaped, while rubri it is more blunt and tends more toward parallel sided, although it is not really parallel sided.

Got started today on the diary notes. Finished the first draft.

(Continued on April 9th)



MONDAY, APRIL 11, 1938

101st  
Day

Monday in Holy Week

264 Days  
to come

Started from home at 7<sup>12</sup> this morning for Los Angeles with G.G. and A.E.K. Arrived at 9<sup>50</sup>. Cool and overcast. 54 miles in the country; nothing seen.

Returned 4<sup>12</sup> to 7<sup>30</sup>. 18 miles in country in daylight.

TUESDAY, APRIL 12, 1938

102nd  
Day

*Tuesday in Holy Week*

263 Days  
to come

A few miscellaneous items taken  
care of tonight

WEDNESDAY, APRIL 13, 1938

103rd  
Day

Wednesday in Holy Week  
Thomas Jefferson—Born 1743

262 Days  
to come

Recd several statistical books today.

Recd a small rattles from Caliente Int.,  
San Luis Obispo Co.

Conferred with Omar and Mrs. Leslie  
today

THURSDAY, APRIL 14, 1938

104th  
Day

Maundy Thursday (Lincoln Assassinated 1865)

261 Days  
to come

Ate some Crotalus ruber today, prepared by Cy. Perkins. Some fried and rolled in bread crumbs and some saute. Tasted good - more like rabbit than chicken. a little tough because it was very fresh.

Pemberton returned today and brought all my material back and the specimens he took. He came around to the house tonight and stayed an hour and a half telling me all about his trip. Lost one of my two pistols in Maria Magdalena.

The material is contained in 8-2 qt jars + 1 live racer from Clarion. He said luck was only fair. He said Burt also collected snakes and got 2 not contained in my material a coral like snake (repses.) from Isabel Island and a snake with a ring on the neck (tamtilla?) from Maria Magdalena.

Pemberton has no plans for trips in the immediate future.

Perkins reports 2 DOR Specs

1 Ruber, 1 Gopher both Museum George

FRIDAY, APRIL 15, 1938

105th  
Day

Good Friday

260 Days  
to come

Went to the zoo this noon and got  
a large number of specimens.  
Movie tonight.

Reported by gander.

1 Rubber DOR Yagum 100.

SATURDAY, APRIL 16, 1938

106th  
Day

Easter Even

259 Days  
to come

Spent the morning reading; typewritten  
final copy of the head dimensions  
pages. 30 pages finished so far

Worked the rest of the afternoon  
on miscellaneous odds and ends.  
Started the Hypsigena note

Bob Hoard reported a Cal King BOR  
Murray Dam.

S.F. Wood collected a worm snake  
in Tubbs Canyon.

The following was stated re collecting  
worm snakes: Dig where you find  
a rock leaning against a parent  
boulder at the ground line.

Snakes reported by Shaw and  
Devel in their trip to Tubbs Canyon  
and Borego Palm Canyon April 9-17.

Boyles King Borego Palm Canyon  
" " Tubbs "

Red rattler "

SUNDAY, APRIL 17, 1938

107th  
Day

Easter Day

258 Days  
to come

Completed more notes.

This afternoon Bob Hoard called with the specimens he had collected in southeastern Sonora. There were two snakes and a good series of lizards. He reports the road quite good as far as Guaymas.

The season was too early for good collecting. Quite cold at night. He reports that the snakes in that area come out after the rains in July. In the Hermosillo area probably May would be the best season.

He did not shoot specimens but caught them alive with the help of Mexican kids.

He had only 1 DOR record not represented by a specimen: 1 Sidewinder 12 mi E. of Holtville.

MONDAY, APRIL 18, 1938

108th  
Day

Monday in Easter Week

257 Days  
to come

Heard Prof. Allen of Cornell  
talk on Hudson Bay birds tonight.  
at the meeting of the Fellows.

Sherwin told me today that his  
wife found in their garden at Point Loma  
about 2 weeks ago 2 balls of ringneck  
snakes each about as big as her  
fist and guessed to contain 20 snakes.  
They were just below ground surface  
and were dug up. They were not  
dormant and ~~cal~~ crawled quickly  
away.

---

at the Rotary Club at Escondido  
I was told that shrikes impale  
both lizards and small snakes  
on barbed wire fences and thorns.  
They don't seem to return to eat them.  
Mostly garter snakes.

Reported by Gander

2 Garter Ramona Escaped. Noon.

1 Gopher S. Fern Spr. Not collected.

3 P.

1 Garter Murphy Canyon. Collected. 8 AM.

1 Patchnose L. Japotel 2:30 PM

Collected & preserved



TUESDAY, APRIL 19, 1938

109th  
Day

Tuesday in Easter Week  
Patriots' Day (Mass., Me.)

256 Days  
to come

Today I went out to inspect line's  
and substations at Del Mar and  
Escondido. New storeroom at Escondido.  
Attended Rotary there. Started at 10; returned  
at 3. Foggy along the coast; clear  
and warm in the back-country after  
several warm days. Went out via Morena  
to Del Mar, then Hodges to Escondido,  
then home via Poway. Total miles 69

- 1 Red Racer J DOR Morena grass
- 1 Gopher L " Rose Canyon grass
- 1 Bufo. b. h. " " Del Mar
- 1 Boyles K J " Rancho Santa Fe grass
- 1 " M " " "

(Contained both lizard and mammal runs)

- 1 H.T. DOR Del Dios Saved
  - 1 Garter M DOR Escondido Orchard
- Plenty squashed toads Del Dios to  
Escondido

- 1 Alligator Lizard DOR Escondido
- 1 Gopher M DOR Lake Hodges Brush.
- 1 Ruler L " " " Grass-Brush.
- 1 Ruler S " " " Top Poway grade Brush.
- 1 Gopher M " Miramar Brush
- 2 Alligator L. " Camp Kearney mesa
- 1 Red Rattle M " Mission Valley Brush.
- 1 Gopher S " " " "
- 1 Red Rattle S " " " "

WEDNESDAY, APRIL 20, 1938

110th  
Day

255 Days  
to come

Talked to the Reptile Club tonight  
on the Snakes of San Diego County.  
About 65 present

Jim Reuel worked this afternoon  
and pickled many specimens, so many  
we were almost late to the meeting

Chas Shaw tried puncturing a chuck  
in the field but could not deflate it.  
Punctured it 7 times.

THURSDAY, APRIL 21, 1938

111th  
Day

Spanish American War Began 1898

254 Days  
to come

Drove to Los Angeles this morning  
with Mr. Ralps to attend business  
meetings. Returned in the evening.

FRIDAY, APRIL 22, 1938

112th  
Day

253 Days  
to come

Chas Shaw worked all after noon  
and late into the evening.

Miss Gates finished copying the  
head length paper today.

B.C. Cain phoned tonight.

Checked up at the Zoo and WH  
this noon.

Worked on catalog entries tonight.

SATURDAY, APRIL 23, 1938

113th  
Day

252 Days  
to come

Spent the day identifying Bob Howard's Sonora material, preparing the head length paper for the press and other miscellaneous work. Made fair progress.

B. C. Cain of Oakland called in the afternoon. He is on his way to the desert. Loaned him a Winchester single shot.

Chas. Shaw worked all day and made good headway counting scales. Every rattles is counted up to date and the harmless snakes that are usually counted, nearly so.

Boagert phoned from L.A. tonight.

SUNDAY, APRIL 24, 1938

114th  
Day

1st Sunday after Easter (Low Sunday)

251 Days  
to come

Chas Shaw worked today. Everything has now been counted to date.

Worked on horned toads this morning: the obscure - douglassii relationship.

This afternoon after lunch at La Jolla drove to Hodges Dam, San Pasqual, Ramona and home. With Ed and Gg. Had expected to go to Borego but it was cloudy and cool - clearly too cold for a desert trip. Started at 3<sup>30</sup>; home at 6<sup>15</sup>. 91 miles.

1 American Bull frog DOR 3 mi S of Lake Hodges.

1 Patch nose M DOR San Pasqual Brush

1 Ruler M DOR Clarence's grade Brush.

1 Gopher L DOR Shady Dell Grass

1 Gopher M DOR Foster Grass.

Gardner reports a large red rattlesnake and a garter from Moosa canyon. Garter preserved, rattlesnake sent to Biological Survey.

MONDAY, APRIL 25, 1938

115th  
Day

St. Mark

250 Days  
to come

Today I received an adult red rattlesnake from Guy Perkins, caught at Lakeside. Gave it to Bogert.

Bogert with his wife and Miss Work came in at about 2<sup>30</sup>, stayed for supper and then left at 8 for the desert. Had a fine time discussing this and that. Learned all the eastern herpetological news.

Deuel reports *Uma notata* from near Benson's Dry Lake.

Reported from Reptile Club Trip of 4-24

- |                           |                             |
|---------------------------|-----------------------------|
| 2. <i>C. ruber</i>        | Moose Canyon.               |
| 3. <i>T. vandenburghi</i> | " " (1 large)               |
| 2. Boas                   | " " (1 very large).         |
| 1. <i>C. lateralis</i>    | " "                         |
| 1. <i>T. hammondi</i>     | " "                         |
| 1. <i>P. c. annectens</i> | " "                         |
| 1. <i>S. g. virgata</i>   | (observed by gander). Moosa |
| 1 <i>C. lateralis</i>     | DOR "                       |
| 1 <i>C. ruber</i>         | DOR. Poway                  |

The large boa was taken by Miss Sprague; the trimorphodons, 2 by Deuel, 1 by Howard.

TUESDAY, APRIL 26, 1938

116th  
Day

249 Days  
to come

Miscellaneous odds and  
ends tonight. Finished proof-reading  
the head length paper.

First postmaster card returned  
today



WEDNESDAY, APRIL 27, 1938

117th  
Day

U. S. Grant—Born 1822

248 Days  
to come

10 cards returned today

Western Yellow-bellied Racer. Santa  
Isabel DOR Reported by Gander

THURSDAY, APRIL 28, 1938

118th  
Day

247 Days  
to come

6 cards returned today.

Cook reports a gopher S DOR  
on Reynard Way

---

Trip to Cy Perkins and Shaw to the  
Desert May 5.

- 1 *Platyrrhinus* at Yagui Well
- ✓ *M=Collie* 3 mi N. of Borego P.O.
- ✓ *Lideirides* DOR Borego Valley
- 1 *M=Collie* Borego Valley.
- 1 *Somora* Caught in 4 mi. W of Bensons 705  
heights just on.
- 1 leaf nose 8 mi. W. of Bensons 745 on shoulder
- 1 *Lideirides* Bensons 940 on shoulder COR
- 1 *Calley* " 945 " "
- Got 12 gophers

FRIDAY, APRIL 29, 1938

119th  
Day

246 Days  
to come

16 Postmaster cards returned today.  
Cold and windy with rain squalls.  
No use considering a week-end  
trip.

Out to dinner tonight.

Gave the head length paper to Abbott  
today all ready to print  
At the zoo at noon.

Started Omar on the brood  
records.

SATURDAY, APRIL 30, 1938

120th  
Day

245 Days  
to come

8 Postals returned today.

Worked on a lot of odds and ends cleaning up and made good progress.

Shaw and Deuel both worked today. Pickled specimens and put everything away. Everything counted except those pickled today. Started to tag the Pemberton and Perkins collections.

Armstrong came down from L.A. Bought his specimens although they are pretty poor. Only a few and these mostly badly preserved. But they were new at the business and had hard luck.

1 Striped Racer LOR Tonrey Pines  
Reported by Gardner.

✓  
SUNDAY, MAY 1, 1938

121st  
Day

2nd Sunday after Easter  
St. Philip and St. James

244 Days  
to come

Miscellaneous work again today.  
A cold rainy day. Sorted out seeds  
for Omar's tabulation. Finished studying  
the *Phrynosoma orbiculare* series  
belonging to ...

Noted *P.o. orbiculare* belonging  
to R.T. Moore of Pasadena from  
Mt. Mohave at about 8000 ft in  
extreme southwestern California.

MONDAY, MAY 2, 1938

122nd  
Day

243 Days  
to come

3 Cards returned today

Worked on Prof. Puzzlewitz tonight.

May 7<sup>th</sup> Continued

1 Red Racer L DOR Linnie, Inyo Co, saved  
Desert.

Arrived at Olancha at 4<sup>45</sup>. Quite cool.  
about 70°. Some breeze. Certainly didn't  
look good for the evening.

1 Patch Nose L DOR Linnie, Inyo Co. saved.  
Desert. mammal hair.

Now drove south on US 395. Ate  
supper at dusk by the roadside at  
Teresa, Kern Co.

1 Calley DOR Teresa, Kern Co

1 Platyrrhinus DOR Teresa, Kern Co

at 4<sup>45</sup> dusk it was 72° F.

1 Platyrrhinus DOR, San Berdo Co, Fremont.

Reached Kramer Junction at 8<sup>20</sup> 64° F

1 Honey nose DOR but still squirming

Kramer, S. Berdo Co, saved.

1 Boyles King M DOR 10 mi. S. of Kramer  
saved

1 Platyrrhinus 5 mi N of Adelanto, S. Berdo Co.

Reached Miller's Corner at 9<sup>30</sup>; temp 56° F.

Arrived at San Bernardino at 10<sup>10</sup>.

Miles today 217. A cold and  
disappointing evening.

TUESDAY, MAY 3, 1938

123rd  
Day

242 Days  
to come

Put on Prof. Puzzlewitz stunt at electric club today.

Worked on accounts tonight; also preparati<sup>on</sup> for tomorrow's trip

No cards returned today.

---

Perkins' trip to Borego, May 7<sup>th</sup>  
left home at 3 P.M.

1 Gopher DOR Ballena.

Reached County line at 6<sup>30</sup>

1 Gecko 4 mi. e. x narrows at 7<sup>05</sup>

1 Platyrrhinus DOR. 2 mi. e. x narrows.

Got a total x 10 geckos. Not a snake in the desert DOR or else.

Total miles x evening driving in the desert 45. Hit the Narrows homeward bound the second time at 7<sup>20</sup>

WEDNESDAY, MAY 4, 1938

124th  
Day

241 Days  
to come

Started for San Francisco this afternoon at 1<sup>05</sup>. Clear and warm but after several days of cold weather. With Gg and Mrs. Pff.

53 miles to the County line - nothing seen.

Went via Sunland and Tujunga.  
1 Red Race, 1 DOR Pacomia, 1 ACo. Black head. Orchard.

1 Gopher 1 DOR. Castaic Grass

Turned west just beyond Wheeler Ridge PO on State Highway 166 via Taft, McKittrick, Blackwelder's Corner and thence to Paso Robles on US 466, where we spent the night. That part of the road on the west side of the San Joaquin Valley looked fine but not a thing was seen. It was evidently too cool and too soon after cold weather. We were traveling fast and might have missed a small snake but certainly would not have missed a large one. Had much trouble with the car overheating and was seriously worried. Didn't discover until next day that the radiator shutter was closed tight. Arrived at Paso Robles at 9<sup>15</sup>. Miles today 337



THURSDAY, MAY 5, 1938

125th  
Day

240 Days  
to come

Started San Paso Rabbits this morning at 8<sup>20</sup>. Cool and windy. Not a thing seen all the way to Palo Alto. Arrived at 12<sup>40</sup>. Had much engine trouble and had to fill the car with water frequently. Had it fixed in Palo Alto while lunching. Mrs. Pfeff went on to San Francisco by train.

Talked to Philip in the early afternoon, then saw Nate of the Stanford Press about the head dimensions paper. He can't get it out for two weeks at least.

In the evening was initiated into Tau Beta Pi and gave them a talk on Inventions and Inventions after the dinner. Miles today.

FRIDAY, MAY 6, 1938

126th  
Day

239 Days  
to come

Left Pally for San Francisco this morning at 8<sup>40</sup>. Clear and cool. Arrived at 9<sup>40</sup>. Conferred with Fox. Met ggy at the Palace at 12 and left immediately for Berkeley. Spend 1 $\frac{1}{4}$  hrs at MVZ. Saw Grinnell, Ritter, T.S. Palmer, and Rodgers. Had quite a chat with Palmer about the Death Valley expedition of 1891. Rodgers is working on *Chenidophorus* and *Eumeces*. He is using statistics and is interested in some of my forms.

Left at 3. Went via the new Broadway Tunnel, Walnut Creek, Dublin, and Tracy, Manteca, and south on 99. Had supper at Fresno at 8. It was fairly warm but not a thing was seen. Might have passed up a couple because of the high speed.

Arrived at Bakersfield at 10<sup>50</sup>; quite cool now. Put up at the Motel. Miles today 348.

SATURDAY, MAY 7, 1938

127th  
Day

238 Days  
to come

This morning, started for Walker's Pass at 8<sup>30</sup>. It was clear and quite warm.

1 *Crotaphytus vilus* DOR Loma Park.

Hunted and for a short time in granite at the canyon entrance 12 miles E. of Bishopfield.

1 *M. lateralis* L DOR Hobo Hot Springs. Skellies were seen here, but not collected.

Hunted near Isabella. Got skellies and utas. Saw utas and whips.

Stopped 4 mi. E. of Onyx. Here there are plenty of tree yuccas. The first were only a couple of miles west. Got 2 *Xantusia virgata*. Saw one under the first dead yucca and lost him. Was encouraged to keep trying but it was hard to get any as they seem scarce. Saw utas and skellies.

Hunted in rocks 10 mi. E. of Onyx. This is called Canabrate and is in Weldon Valley. Got skellies here.

Hunted in yuccas just east (a few hundred yards) of Walker's Pass (5400 ft). X. v. were more plentiful than near Onyx. Also saw utas.

1 Leopard lizard DOR Freeman Junction.

From Freeman Junction we drove north on US 395 to Oland.

(Continued on May 8)

SUNDAY, MAY 8, 1938

128th  
Day

3rd Sunday after Easter  
Mothers' Day

237 Days  
to come

Started home from San Bernardino  
at 7<sup>15</sup>. A warm clear day.

1 Gopher J DOR March Field fields  
1 Red Racer L DOR bet. Paris and Elsinore  
ht. brush.

1 Red Racer L DOR North Elsinore, Yellow color,  
ht. brush.

1 Red Racer M DOR North Elsinore Saved. ht. brush

1 Longnose M DOR " " " grass.

1 Gopher J DOR Sedco Grass.

1 M. lateralis J. DOR Rainbow Brush-grass

1 " M " Fallbrook grass

1 " L " Bonsall Brush.

1 " " " " Richards

1 Gopher M " Buena grass

1 Gopher L " " "

1 Boyles King L " Ponderay "

Reached home at 12<sup>15</sup>

Miles in the country 65. Miles today 129.

Total miles for the trip 1313.

Spent the afternoon and evening  
catching up all work.

Cook called this evening with  
several lizards and a DOR Salvadora  
from Buena

Chas Shaw worked today.

MONDAY, MAY 9, 1938

129th  
Day

236 Days  
to come

Cannon brought in a medium Boxer  
King from El Cajon.

Tom Deuel worked this afternoon  
Went to the Fellows meeting, at  
Jolla tonight  
✓ Cards returned today

---

Reported by Gander

→ T.o. hammondii Hidden Glen  
1 ~~Ex~~ Ruber "  
C.t. stejnegeri "  
S. orcutti "  
S.o. bisinatus "  
G. multicastratus "  
G. stansburianus hesperis "  
P. b. blairillii "

TUESDAY, MAY 10, 1938

130th  
Day

Confederate Memorial Day (N. C., S. C.)

235 Days  
to come

Chapman called up today —  
returned yesterday.

Miscellaneous work tonight.

Went to El Cajon Rotary this  
noon Warm day 30 miles. Nothing  
seen

---

Reported by Gander May 12  
1 M. lateralis LOR San Diego

WEDNESDAY, MAY 11, 1938

131st  
Day

234 Days  
to come

Went to La Jolla today. 30 mi. 1 snake  
crossed road at 7 Points. Couldn't tell what  
it was. Probably gopher.

1 Gopher J. DOR Rose Canyon grass.

Jim worked this afternoon.

Move tonight

Perkins Trip of May 21

A cool rather breezy evening. Moon lack.

1 Red Racer DOR. Hagui Well.

Lights on at 7<sup>05</sup>

1 Leafnose COR Dry Lake 8<sup>08</sup>

1 Leafnose DOR " 8<sup>12</sup>

1 " COR 2 mi E. of the Narrows. 8<sup>35</sup>

1 " " 3 " " " " 9<sup>02</sup>

1 " DOR 4 " " " " 9<sup>42</sup>

1 Sonora COR 3 " " " Benson 9<sup>55</sup>

1 " COR Benson 10<sup>12</sup>

1 " DOR " 10<sup>15</sup>

1 Leafnose DOR 4 mi. E. of the Narrows.

1 Arizona COR 2 mi W " " 11<sup>00</sup>

Very cold.

Total miles desert night run 55 mi

THURSDAY, MAY 12, 1938

132nd  
Day

233 Days  
to come

Went to Los Angeles today on business. Started at 7<sup>10</sup> and arrived at 10<sup>10</sup>. Saw at least 2 dead snakes but travelled too fast to check anything. Returned 3<sup>30</sup> to 6<sup>30</sup>. In the back seat so observed nothing. Got a shipment of new jars today.

Cey reported a red racer DOR at Riverview.

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(May 13<sup>th</sup> Continued)

- 1 Platyrhinos DOR 11 mi. E. of Co line.
- 1 Sidewinder DOR. Truckhaven, Imp. Co
- 1 Red Racer DOR Oasis, Riverside Co.
- 1 Gopher DOR Thermal, Riv. Co, saved.

Arrived at Indio where we put up at an auto court at 11<sup>45</sup>, 90°F. Full moon always except for the eclipse which started about 11. The last part of the evening was at fairly high speed. May have missed some. Did pass up a few geckos.

30 miles in daylight in SD Co

25 " desert night travel in SD Co

85 " " " " altogether

Total miles for the day 155

Got Huey's Arizona specimens today. A good lot, from east of Topock.



FRIDAY, MAY 13, 1938

133rd  
Day

232 Days  
to come

Today left for the desert with Cy Perkins Jr. left at 6 P.M. Cool and quiet.

30 miles in daylight in San Diego County. Nothing seen. Hylas were heard at Ramona, Sutherland, Ballena, Witch Creek, Wynola, Julian, Banner, and San Felipe. Arvicola was heard in Tentena.

Reached Sessions Crossing at 8<sup>10</sup>. It was clear and with a full moon. Warm and quiet. 79°F. (all readings corrected)

1 Arizona L COR	San Felipe	8 <sup>15</sup>	80°F
1 Longnose L COR	Yaqui Well	8 <sup>40</sup>	86°F Breezy
1 Leafnose M DOR	The Narrows	8 <sup>50</sup>	86°F
1 Gecko DOR	The Narrows	8 <sup>55</sup>	
1 Sonora COR	4 mi. E. of The Narrows	9 <sup>05</sup>	87°F
1 " "	" "	9 <sup>08</sup>	87°F

breezy at this time.

1 Sidewinder COR	6 mi. E. of The Narrows	9 <sup>10</sup>	90°F
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1 Gecko COR	Benson's Dry Lake	9 <sup>30</sup>	90°F
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Desert miles of night collecting in S.D. Co. 25.

1 Dip COR	2 mi. E. of Imp. Co. line	at 9 <sup>40</sup>	92°F medium size.
Quite active.			

1 Platyrrhinus DOR	1 mi. E. of Co. line.		
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1 Gecko COR (stubbytail)	"	10 PM.	
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(Continued on May 12)

SATURDAY, MAY 14, 1938

134th  
Day

U. S. Constitution Drawn up 1787

231 Days  
to come

Started out from Indio this morning at 8<sup>30</sup>.  
It was clear and hot.

We first visited Walker's Snake Pit at Indian Wells.  
He said the largest Cinereous he had ever caught  
out of 7000 in 7 years was 5'7". He had a  
mutch from 5 mi. up the Palms to Pine's Highway from  
the junction. Sidewinders are best hunted at  
sun-up. They are trailed to the end of their tracks.  
If you go out too late they have already gone  
down mammal holes for the day. Snakes seem  
less plentiful now in the sandhills about  
Indian Wells than they were a few years ago.

1 Gully shot at Cathedral City

1 Monarda DOR " " Sandy desert

1 Arizonia L DOR Palm. Springs Brushy desert. Saved

1 Gopher M " " " "

1 Arizonia M " " " "

1 " L " Palm Springs Station Sandy desert

Reached the Morongo Road junction, now called  
Alameda at 10<sup>05</sup>. Now quite hot.

2 whiptail shot 5 mi. N. of Alameda

1 Red Rattles DOR 1 mi S. of Morongo Lodge. Brush.

Saved head. This probably first specimen from  
San Bernardino Co.

1 Red racer, M DOR Morongo Valley Brush.

Hunted at the upper end of the Morongo Valley  
and got stee, whip, and xantusia vigilis.

(Continued on March 21)

SUNDAY, MAY 15, 1938

135th  
Day

4th Sunday after Easter

230 Days  
to come

Started from Indio at 8<sup>50</sup>. Warm and overcast. Windy. Was very windy early this morning.

Took a run up the ex Granite road and looked at a couple of sandholes. Negative.

Turned off up the grade at 1<sup>30</sup>

1 leaf nose DOR 3 mi. S. of the Junction Bushy forest

1 Mutch L DOR 7 " " " " Rocky side hills

1 Whiptail seen 6 mi. N. x righting, also

1 Cally " 5 " " " "

rather high to expect a valley

1 Worm snake L DOR 2 mi. N. x righting, also

Rocky hillsides. Dashed.

1 Mutch L. DOR Jackson road Bush + rocks

Hunted in cahuilla in both directions in rocks at 2 or 3 points. got 3 Horned toads and several lizards. " rattles are exceedingly wary.

3 med red rattlers DOR 3 mi. N. x Aguanga. Bush and granite. 1 contained mammal hair. Heller seen here.

Caught a large grey red neck racer 4 mi. N. of Aguanga. Got him in the brush.

1 Pacific Rattles DOR 6 mi W. of Aguanga. Just ate lunch at Drapping spring. Slightly seen here.

1 Red Racer DOR 2 mi. E. of Temecula. Fields

1 striped racer DOR Fallbrook. Orchards.

The rest of the trip was cold and misty. Arrived home at 3<sup>45</sup>. Miles in country 69; today 151; trip 493.

MONDAY, MAY 16, 1938

136th  
Day

229 Days  
to come

Hoard reports a California King  
from S.D.

Heard at the reptile club tonight:

Chucks cant be deflated by puncturing.

Coyotes eat rattlers.

Orcutt was seen in a tree quite a  
distance from Granite at Glen Hensley

The natives in certain parts of South  
America think that geckos bite sea-  
lions and kill them quickly.

Saw specimens of *Bufo californicus*  
from Mission Gorge.

Checked up with Mrs. Leslie and Omar  
today. Omar needs work. Got my guns  
and collecting materials from Tony Green.

Recd a Phyllorhynchus browni,  
a female from Vic Householder today.

(May 20<sup>th</sup> continued)

1 Leafnose L COR Coline (= Bensons) 70°, 9:14, Windy

1 Sonora L COR Coline 9:19, 70°, Windy.

Met Miss Sprague, Chas Shaw and others at  
this point. They were having a fair evening.  
Reached the County line at 9:21<sup>at 9:50</sup> and Kane Spr Junt.

1 Patch nose DOR Westmorland. May have lost a  
lute snake at this point. Reached Brawley at 11. Put  
up at Planters Hotel. Cool and breezy. Tired and eyes  
sunt. Note sharp contrast east of Coline. Miles in SD  
Co in daylight 43; night in SD Co. 24. Total night 62, Total today 123.

TUESDAY, MAY 17, 1938

137th  
Day

228 Days  
to come

Went to El Cajon Rotary this noon  
25 miles. Nothing seen. Cool and  
cloudy with rain in the mountains

Perkins Trip to the Desert May - 18

1 Gecko at Dry Lake - Hard wind blowing

1 Sonora COR 6 mi. E. of the Narrows 745

1 " " 5 " " " " 750

1 Leafnose " 1 " " " " " 813

1 Sonora " 2 " " " " " 810

1 " " 4 " " " " " 830

1 Sidewinder Dry Lake 845 67°

1 Leafnose 3 mi. W. of Dry Lake 915 67°

1 Glossy 4 " E of the Narrows 925

1 Glossy DOR Yaqui well

Total miles evening drive 32

Got a total of 12 geckos

Out to dinner tonight.

(May 21 Continued)

From Palm Springs - Indio and Palms to Pines highways. Had a fine afternoon talking over Cowles' experiments and other matters.

Started out again at 4<sup>25</sup>. Cool and windy. Drove down to Mesca and then to Shaver's Summit where we ate supper.

1 Gopher L DOR 4 mi. S. of Indio. Low brush desert

1 McCallie DOR 3 mi. E. of Mesca.

1 Patchnose L DOR Shaver's Summit. Greasewood desert.

Started west at 6<sup>40</sup>. Quiet. Just sundown.

Went at high speed to junction with aqueduct road a couple of miles out from 99 on 60-70.

Then started the real evening drive at 7<sup>11</sup>.

It was dusk, not quite dark. Some breeze - 80°.

As the evening wore on it cooled rapidly and a strong wind came up. No moon tonight.

1 Sonora L COR at 1 mi. N. of this junction

Call this 3 mi. E. of Indio. 7<sup>16</sup> 80°

1 Gecko COR 7<sup>22</sup> Same.

Went up the West camp branch and got a good match. 7<sup>33</sup>, 78°. Brush and rocks. Very little wind up the canyon. Not quite dark. Faint Canyon.

1 Sonora COR at Berdo's Canyon Branch.

(Continued next page).

THURSDAY, MAY 19, 1938

139th  
Day

226 Days  
to come

Out to Ed Luce's Birthday Dinner tonight.

Checked up at the Zoo today also with Mrs. Leslie and Dora.

(May 21 Continued from May 18)

7<sup>59</sup>, 78°, strong breeze.

1 *Phyllorhynchus* Berdo Canyon Branch COR

8<sup>38</sup> Very quiet here. 78°

Tried the Puchawalla Branch but this was rough so turned back.

1 *Phyllorhynchus* COR Finhill Branch.

9<sup>11</sup> 72°F, some breeze. This one given to me.

After 9 it was quite windy and cold.

1 *Phyllorhynchus* COR Wide Canyon Branch

68°F, almost no wind up the canyon 14<sup>45</sup>

1 *Phyllorhynchus* COR same as above.

1 *Pteryrhinos* DOR 5 mi. S. x Garnet

1 Arizona M DOR Garnet.

1 Red Racer DOR Palm Springs Station

1 Patchnose L DOR do

1 Sonora L DOR 4 mi. N of Palm Springs road

1 " L " Cathedral City

1 " L " 4 mi. N. of Indio

1 " L " 2 " " " "

There had evidently been more snakes in the shelter of the <sup>mountain</sup> valley than across the valley.

Reached Indio at 12<sup>15</sup>. Cold and windy. Morning drive

96. Afternoon 59. True night desert 47. Total today 25-

FRIDAY, MAY 20, 1938

140th  
Day

225 Days  
to come

This evening with Frank gander started for the desert with Frank gander. Part cloudy and cool after several days of cloudy, cool and even rainy weather.

1 *Salvadora* M DOR Lakeside grass

1 *Garter* M DOR Ramona grass

Dusk at Ballena. Dark, cold, and heavy fog at Tuleain.

Reached Dessors Crossing at  $7^{\circ}40'$ . Cold and windy  $62^{\circ}\text{F}$  (all temps corrected). No moon

1 *Gecko* Yaqui Well  $62^{\circ}$   $7^{\circ}55'$

1 *Gecko* COR Yaqui Well  $8^{\circ}03'$ ,  $62^{\circ}$

1 *Spotted night* COR The Narrows,  $8^{\circ}08'$ ,  $62^{\circ}$

A hard cold wind blowing.

1 *Gecko* COR The Narrows  $8^{\circ}12'$ . Very windy

1 *Longnose* COR The Narrows  $8^{\circ}16'$ . " "  $64^{\circ}$

1 *Sonora* DOR The Narrows  $8^{\circ}20'$  Saved.

1 *Platyrrhinus* The Narrows

Reached the Narrows at  $8^{\circ}46'$   $64^{\circ}$ . Windy.

1 *Warm, snake* COR The Narrows  $8^{\circ}49'$   $64^{\circ}$

1 *Gecko* COR The Narrows  $8^{\circ}51'$   $64^{\circ}$

1 " " "  $8^{\circ}53'$  " Very windy.

1 " " 5 mi. E. of The Narrows  $8^{\circ}45'$   $66^{\circ}$

1 *Leafnose* L " " "  $8^{\circ}49'$  DOR (Squirming)

1 *Gecko* COR  $8^{\circ}50'$  6 mi. E. of The Narrows. Very windy.

1 *Sonora* COR Benson's Dry lake  $9^{\circ}04'$ .  $69^{\circ}$

Very windy. Also a *uta stans* here.

(Continued on May 21)



SATURDAY, MAY 21, 1938

141st  
Day

224 Days  
to come

This morning Gander found 2 DOR gophers in Brawley before I got up.

We left Brawley at 7<sup>35</sup>. Clear and warm.

1 Gopher COR Rockwood, 8<sup>05</sup>, alfalfa fields  
1 " DOR " " " "

1 Bufo woodhousii DOR Rockwood.

1 Rana sierrae DOR Calipatria

1 Gopher DOR Calipatria fields

1 " L " Estelle " "

1 Red Racer L lost on the road Estelle, fields

1 Bufo woodhousii DOR Estelle

1 Red Racer L DOR Estelle fields

Uta seen on the road at Niland

1 Leopard lizard shot on the road at Niland.

Contained whiptail remains

Hunted at Water, Imp. Co. got callie - saw uta

" " Pope, Imp. Co. got uta - saw callie

" " Dalton, Riverside Co. got callies

" " Mortons, " " saw callies and dips.

Noted dips at Calebiding, Riverside Co.

The east side of the Dalton sea is very barren. Presumably would be poor at night.

We went up to Cowley's camp above Indian Wells where we arrived at about 11.

We went back to Indio, took a room at an auto camp and talked herpetology until after 4. A locality worthy of note. Rubber at junction

(Continued in May 22)

SUNDAY, MAY 22, 1938

142nd  
Day

5th Sunday after Easter (Maritime Day)

223 Days  
to come

Started home from Indio via the Palms to  
Paris highway, Hemet, Winchester, Temecula,  
and 15395 at 545. Clear and warm.  
1 *Lanius* L DOR Indian Wells saved.

Date orchards.

1 Red Backs L DOR 4 mi. E. of Winchester

Fields - night hawk.

1 Pacific Nat. M. DOR White Brush.

1 *Colinus* DOR M Buena Orchards.

1 *Top* 4 M DOR San Marcos Grass.

1 *M. lateralis* L DOR " Oakland - grass

1 *gambelii* M DOR " Vineyard - field.

1 " M DOR Poway Grass.

1 *M. lateralis* L DOR Mission Valley.

Reached home at 1015. Clear and warm.

Miles in L.S. Co. 70. Total today 166

Total for the trip 166 + The back of specimens

along the road and especially over

the Palms to Paris highway shows how

the cold weather of the last few days has

curtailed reptile activity. Last nights

poor results were typical

Spent the afternoon and evening  
catching up.

Shaw worked today and yesterday.

Robert Hoard reports a DOR red racer  
at Rosanta Beach, B.C.

MONDAY, MAY 23, 1938

143rd  
Day

Rogation Day

222 Days  
to come

Spent the evening getting ready for tomorrow's trip.

✓ Geo. Freshburn called. Talked collecting and set aside supplies for his prospective tuna clipper trip.

Gander reports

3 garter snakes seen Proctor Valley <sup>near</sup> Tunnel  
1 Calif King collected " " "

TUESDAY, MAY 24, 1938

144th  
Day

Rogation Day

221 Days  
to come

Started for San Francisco with Shorty  
at 9<sup>40</sup> AM. Clear and warm.

- 1 Gopher L DOR Rose Canyon Grass
- 1 Boyles King L DOR Torrey Pines Brush
- 1 Calif. King Med DOR Ponto Grass
- 1 Arizona (dark) M DOR El Tono Fields
- 1 Banded Racer M DOR La Crescenta, LA G

### Orchards

- 1 Boyles King L DOR Tujunga Wash, Brush
- 1 Arizona L DOR (dark) 4 mi. N.W. of Sunland  
Grass, brush.

- 1 Banded Racer M DOR San Fernando. Orchards
- 1 Arizona M. DOR 4 mi. N. of Wheeler Ridge P. Grass
- 1 " L " Reed Station light brush.
- 1 Gopher L " " " Grass
- 1 Longnose M " Wible, Kern Co, Fields. <sup>Plenty</sup> red.
- 1 Gopher S " Califa, Madera Co, Fields
- 1 Gopher L " 5 mi. W. of Califa, Madera Co, Fields.

Paved road.

Dark at Los Baños. *Hyla regilla* heard  
at Los Baños and Gilroy.

Reached Palo Alto at 10<sup>15</sup>. Put up at the  
President. Talked to Philip until midnight.

54 miles in S.D. Co.

501 miles total..

WEDNESDAY, MAY 25, 1938

145th  
Day

Rogation Day

220 Days  
to come

Saw Nite at the Stanford Press  
a few moments. Missed Myers.

Started for San Francisco at 9<sup>10</sup>.

1 Gopher L. DOR Atherton grass

1 Gopher L " Burlingame "

Others were seen but could not stop.

Attended a meeting 10<sup>30</sup> until 2 P.M.

Saw Levin in the afternoon and  
talked over this and that

Gander reports:

1 Gopher L DOR Fallbrook grass

1 " L " Bonsall brush-wood

THURSDAY, MAY 26, 1938

146th  
Day

Ascension Day

219 Days  
to come

In San Francisco at PECA Convention.

Perkins Trip on May 24<sup>th</sup>

1 Boa DOR Small Santee

1 Boa caught "

1 Gopher DOR Lutterland

1 Boa DOR Wynola Sentenac Canyon

1 Trimorphodon DOR ~~Sassier's Crossing~~

71° at Yaqui Well.

1 Baby Boa caught 8<sup>10</sup> The Narrows 73°

1 Sonora caught 8<sup>25</sup> " " 75°

1 Leafnose DOR 4 mi E of " "

1 " " 5 " " " "

1 " " Dry Lake.

1 Sonora caught " " 9<sup>01</sup>

1 Red Racer DOR " "

1 Sonora caught 9<sup>10</sup> 78° at 9<sup>15</sup>

1 Arizona COR 9<sup>25</sup> 5 mi E of The Narrows

1 Sonora " 9<sup>27</sup> " 74°

1 Sonora " 9<sup>45</sup> The Narrows

1 " DOR Dry Lake

1 Leafnose " The Narrows.

1 Sidewinder " "

1 Sonora " "

1 Spotted Wite COR Sentenac 11<sup>20</sup> 69°

1 Arizona COR Sassier's Crossing 11<sup>30</sup>

also 11 geckos.

FRIDAY, MAY 27, 1938

147th  
Day

218 Days  
to come

PECA convention in the morning.

Started for Reno at 3<sup>30</sup>. Cloudy and sprinkling.

- 1 Gopher L DOR Rodeo, Contra Costa Co., Grass.
- 1 Mud Turtle, seen on the road, Floridan, Solano Co.
- 1 Gopher M DOR Soda Springs Creek, Solano Co  
Orchards and Fields. Mammal remains
- 1 Gopher M DOR same place. Orchard and fields.
- 1 Gopher M DOR Tremont, Solano Co, fields.
- 1 Gopher L DOR Newcastle, Placer Co, Orchard.
- Aquarium. Saved.
- 1 Gopher L DOR Applegate. Brush and pine  
trees.

- 1 Horned Toad L. DOR. Applegate, Placer Co.  
Brush and Pine trees.

From here on in the mountains it was ~~dark~~. Very cold. Some fog; some drizzle. Soon got dark. Cold and windy at Reno. Said to be colder than it had been for several days. Plenty large snow banks along the road in the mountains.

Arrived at Reno at 9<sup>45</sup>. Ate a late supper and turned in.

Miles today 229

Gander reports:

- 1 Gopher M DOR Glenview Bldg
- 1 Gopher S SOR Cuyamaca Trees - brush.
- 1 *Sateralis* L Rattlesnake Valley - Escaped.
- 1 W.Y.B. Meadow at Cuyamaca Lake

SATURDAY, MAY 28, 1938

148th  
Day

St. Augustine of England

217 Days  
to come

This morning we started from Reno at 9<sup>30</sup>. It was part cloudy and cold. It had rained last night. The temperature at 10 AM was 55°. Tough luck.

Skelly seen at Washoe, Washoe Co.  
Hunted in rocks at Baker's, Washoe Co at 9<sup>30</sup>, 60°F, and got several skellies sunning themselves on the rocks. Still cold and windy. NO DORs where many were seen last summer.

1 Gopher S. DOR Carson City, grass.

1 T.O. *intermedia* L DOR Minden, Douglas Co,  
new. Plenty red. gardens.

1 *Taeniatus* shot in the brush by Shorty where we hunted for a while at Topsy Lake, 2 mi. S. of the State Line. This was a brushy-rocky area and the lizard hunting was good. Whips were especially plentiful; we also got utas, skellies and a leopard lizard.

Skelly seen at Rancho San Carlos, Mono Co.

From here on until we reached Sherwin Grade, north of Bishop it was too high and cold for reptiles. This was about 100 miles

(Continued on Jan. 1)



SUNDAY, MAY 29, 1938

149th  
Day

Sunday after Ascension

216 Days  
to come

- This morning we left Barstow at 11 AM.  
It was clear and warm - not hot. Some breeze.
- 1 Leopard lizard DOR Barstow
  - 1 Whiptail collected at Mace, S.B. Co
- Magister seen here.
- 1 Platyrrhines, Mace, DOR, saved.
  - 1 Leopard lizard DOR, Hawes, S.B. Co., saved
- Plenty orange.
- Also caught a pair of pheas here.
- 1 Whiptail shot at Hawes
- Cally DOR at Hawes and Kramer.
- 1 Leopard lizard DOR Kramer Junction. Saved
- Contained a mta and stomach worms  
(Uta at Kramer Junction)
- Whiptail DOR Kramer. Also seen 10 mi. S.  
of Atolia.
- 1 Longnose L DOR Kramer Brush.
  - 1 Platyrrhines run-over Red Mountain saved
  - 1 Cally DOR " "
- Collected Uta, whips and leopard  
in Lava Mts 5 mi. N.W. of Red Mountain  
and Xantusia and magister Lava Mts  
7 mi. N.W. of Red Mountain. At the latter  
point there are some fairly good Joshua  
Trees. This country looks mighty good.  
The lizards are stratified as usual.
- Cally DOR 5 mi. SW of Spangler, S.B. Co  
(Continued on Jan. 6)

MONDAY, MAY 30, 1938

150th  
Day

Memorial Day

215 Days  
to come

Started home this morning from Cotton at 9AM clear and cool. Plenty people on the road.

- 1 Gopher M DOR Riverside; gardens
- 1 Boa Small DOR, Box Springs grade, Brush, saved
- 1 mixed King " " " " " "
- 1 Gopher L DOR Box Springs, Fields
- 1 H.T. DOR La Vina
- 1 Red Racer L DOR. N. Elsinore, Grass.
- 1 " " " " " "
- 1 Gopher S DOR Murrieta, fields
- 1 Patchnose L DOR Rainbow brush
- 2 Red Racers L DOR Bonsall fields
- 1 " " L " Vista " "
- 1 Long nose L " Buena {Brush Orchard
- 1 Red Racer L " Hodges Grass
- 1 Banded Racer M " Muravian brush
- 1 Red Racer L " Muravian "

(saved head).

Arrived home at 12<sup>00</sup>. Clear and warm

Miles today 124; in SD Co 65.

Total miles for the trip 1604

Spent the afternoon in miscellaneous catching up. House upset by painting. Called at the zoo and got specimens. Jim Deuel was working. Told me of a large gopher near Capistrano which had eaten a DOR gopher nearly as big.

TUESDAY, MAY 31, 1938

151st  
Day

214 Days  
to come

Miscellaneous catching up today.  
Much to do, and considerable work.  
The house a wreck because of  
painting. Put books back in the  
hall case.

Barlow advises of a P. browni  
in MCZ collection from Superior, Ariz.

Notes by Coot on a trip May 29.

- 1 Red nutter S DOR. Palo
- 1 Gopher L ~~DI~~ Aluz Bonsall
- 1 Gopher S DOR Lake Hodges
- 1 Western Yellow belly Miramar.

Notes by Gander Trip May 29.

- 1 Boa COR Yaqui Well 5:55 P.M. On sandy road
- 1 Red Racer L DOR The Narrows
- 1 Sonora DOR Benson Dry lake
- 1 " C~~B~~OR The Narrows 8<sup>40</sup><sub>—</sub>
- 1 " COR The Narrows 8<sup>45</sup><sub>—</sub>
- 1 Leaf hose " " 9<sup>20</sup><sub>—</sub>

Cool at western end of run; warm on the  
desert.

Gekkos at 7<sup>45</sup><sub>—</sub>, 7<sup>55</sup><sub>—</sub>, 7<sup>57</sup><sub>—</sub>, 8<sup>10</sup><sub>—</sub>, 8<sup>30</sup><sub>—</sub>, 8<sup>45</sup><sub>—</sub>, 8<sup>55</sup><sub>—</sub>  
9<sup>35</sup><sub>—</sub>

May 30<sup>th</sup>

- 1 Red Racer DOR Fletcher Hills Grass Fields

WEDNESDAY, JUNE 1, 1938

152nd  
Day

213 Days  
to come

Today got the first copy of the Head Dimensions paper. It looks fine; the dull paper works better than the polished. Think it the clearest of the statistical (lithostatic) series.

Went to La Mesa Rotary this noon. 20 miles nothing seen. a dull overcast day.

Worked on miscellaneous catching up tonight and making preliminary plans for the Arizona trip next week.

THURSDAY, JUNE 2, 1938

153rd  
Day

212 Days  
to come

Talked to the East San Diego Kiwanis club today on Inventors and Inventions

---

Robt Hoard's desert trip of May 27

1 Gopher DOR Lakeside  
1 Boa DOR Wynola.  
1 Red Rattler DOR Sentenac Canyon.  
2 Sonora DOR The Narrows.  
1 " DOR Benson's Dry Lake  
1 Longtailed uta COR 7<sup>15</sup> Dry Lake  
1 Magister COR The Narrows 7<sup>42</sup>  
1 Leafnose COR The Narrows 7<sup>55</sup>  
1 Wormsnake DOR(S) "  
1 Platyphimus " "  
1 Sonora " "  
1 " COR " 9<sup>35</sup>  
1 Leafnose DOR " "  
1 Trimorphodon COR " 9<sup>55</sup>  
1 Leafnose COR " 10<sup>00</sup>  
1 " " Jacqui well 10<sup>10</sup>  
1 Sonora DOR " "  
1 Wormsnake " (L) "  
1 Spotted hite " San Felipe

14 geckos.

58 miles of desert driving  
in collecting territory at night.

FRIDAY, JUNE 3, 1938

154th  
Day

Confederate Memorial Day (Tenn., Ky.)

211 Days  
to come

This morning went down to Chula Vista and Otay. On the way down examined the cut where so many DORs were seen a couple of years back.

- 1 Garter L DOR Chula Vista, Grass.
- 2 Red Racers L DOR Otay, Grass
- 1 Pacific Rat M " " "

The last 3 were in the cut. The red racers were mixed yellow and black - considerable black.

Total miles 18.

This afternoon at 3<sup>25</sup> started for Arizona with Cy Perkins, Sr. It was clear and warm.

- 1 Gopher L DOR El Cajon, Grass
- 1 Patch-nose L DOR Flynn Spr. <sup>Brush</sup> Orchard
- 1 " L " Vieja <sup>do</sup>
- 1 Mutch L " Terrenitos Brush
- 1 H.T. DOR La Posta

- 1 Patchnose lost on road Boulevard <sup>5:25 P.M.</sup> Brush
- 1 Cally seen on the road at Coyote Wells at 6 P.M.
- 1 Red Racer L Caught on the road at Plaster City

Thin brush desert 6<sup>05</sup> Sunny hot.

- 1 Maecianus L DOR Mobile <sup>brush</sup>

Reached El Centro at 6<sup>30</sup> Almost sundown. Hot.

(Continued on Jan 13).

SATURDAY, JUNE 4, 1938

155th  
Day

210 Days  
to come

This morning we left Yuma eastbound at 9<sup>50</sup> MST. All times hereafter in Arizona are MST.

Dips were noted at Dublin; also collies and whiptails. Chucks were seen in the Gila Mountains as usual. Umas were seen at Wellton and dips at Asher.

We stopped to talk with Hale for a while but he had nothing of interest. Paid reptiles were very scarce the last 2 years, but he always says that.

Dips were noted at Kim and Le Sage, Yuma Co. It was very hot from here on and the lack of DORs was notable.

Reached Bela Loma at 1<sup>45</sup>; the man at the service station had nothing of interest.

A dip was noted 14 mi. W. of Casa Grande. It was 112° here today; 110 in the car at Picacho.

Cnemidophorus noted at Marana.

P. solare at Jaynes Station.

Arrived at Tucson at 4<sup>40</sup>. 96°. Reverse specimen's dead from the heat including the boa we had brought for Woodin.

We started the evening drive at 7<sup>50</sup>  
(Continued on Jan 15)

SUNDAY, JUNE 5, 1938

156th  
Day

Whitsunday (Pentecost)

209 Days  
to come

This morning we left the auto camp at 130°. It was warm, sultry and overcast. We went over to Xavier mission to scout the territory for a night drive.

1 Trimorphodon small DOR foot of A Mountain River one side with mesquite - rocks on the other. 26 rocky spots.

Callis and geckos DOR 3 mi. N of San Xavier Mission

1 Cinereus M DOR 2 mi N. of San Xavier Mission. Mesquite

Hunted for lizards 4 mi. N. of the San Xavier - Ajo Junction and got Callis and Whips. The Ajo road looks only fair after it passes through the Tucson mts as it is quite barren.

1 Arizona S. DOR Tucson. Brush-grass. We called on Mrs. Catherine Reidy who manufactures a variety of snake products. She had a lot of personal troubles and was not doing so well as in the past. She had many cinereus and 3 scutes but not much else. Coral snakes are found in the immediate vicinity of Tucson, in most places. *Bufo pyromelana* from the Huachuca mts. Sidewinders are  
(Continued on Jan. 16<sup>th</sup>)



MONDAY, JUNE 6, 1938

157th  
Day

Monday in Whitsun Week

208 Days  
to come

This morning we were up at 5<sup>30</sup> and on the road at 6<sup>15</sup> looking for dead snakes, and also to have a lizard hunt. It was clear and warm - not overcast and sultry as on previous mornings lately.

We just went across to San Xavier Mission. Found a P.d. deauratus DOR in fairly good shape 2 mi. N. of the mission. Saved it. Well pleased with this. We then drove north on the road skirting the Tucson Mts but found NO DORs. Then went west on the by road 3 mi W. of the junction and hunted in mixed cactus, brush and mesquite. Got a number of callys and whips. One of the latter had the wings of a cicada protruding from his mouth. Found a Goleomyx under a dried steer carcass. Got a horned toad near the junction of Congress and Grand. Went north on the Oracle road about 21 miles but got no DORs. Noted Callys at 12 and 15 miles out of Tucson. Returned to the cabin at 10<sup>30</sup>. Somewhat cooler than yesterday. Pickled specimens and wrote up diary. End morning diary 74  
(Cont on Feb 27<sup>th</sup>)

TUESDAY, JUNE 7, 1938

158th  
Day

Tuesday in Whitsun Week

207 Days  
to come

Today we took a trip from Tucson via Benson, Fairbank, and Patagonia to Nogales. Then a side trip to Bear Canyon on the road to Ruby in the Tumacacori Mts., thence back to Tucson. It was an interesting trip but very poor from a collecting standpoint. Too late for the spring specimens - too early for those which come out with the summer rains. The total absence of specimens in a long night drive through what should be good territory was particularly disappointing. We left Tucson at 8<sup>05</sup>; clear and warm.

Calleys were noted at Tucson and Wilmet. Also a p. <sup>solare</sup> ~~regalis~~ at Wilmet, Pima Co.

Cally noted at Rancho, Pima Co.; H.T. at Rita, Pima Co.

1 H.T. DOR Pantano, Pima Co

1 Cinereus S. DOR Pantano Mesquite

1 Cornutum COR 9 mi W. of Benson just east of the Pima - Cochise Co line.

1 Cinereus S DOR Benson, Cochise Co

Brushy desert.

Reached Benson at 10<sup>15</sup> - Warm.

1 Leopard Lizard DOR Benson.

Shot a cally and whip here.

1 H.T. (solare) 3 mi. S. of Benson DOR.

Observed whiptails at St. David.

(Cont. on Jan. 19)

WEDNESDAY, JUNE 8, 1938

159th  
Day

Ember Day

206 Days  
to come

This morning we started from Tucson for Phoenix at 9<sup>45</sup>. It was clear and warm. Quite hot at Phoenix; got cooler beyond Wickenburg and was very comfortable at Prescott. Called for mail at Tucson and got everything except the papers.

1 P. solae L DOR Jaynes Station, saved. Had the usual trouble with the car boiling away water rapidly, or throwing it out, all the way but particularly between Tucson and Phoenix.

Saw Evans at Phoenix. He did not have much that was interesting. He had a black racer from Florence Trct. I learned from him that the little P. browni secured from Householder came from Enchanted Valley in the Enchanted Mts, New River Road, 7 mi. W. of Cave Creek.

1 Gopher L DOR Glendale fields

The road south of Wickenburg is being rebuilt and will not be so good. Too fast - too many banks and cuts.

Colly DOR. Wickenburg, 9 mi. NW of Wickenburg and Congress Trct.

Collared lizard DOR 4 mi. SW of Yarnell.

Hunted at the type locality of X. arizonae 1 mi. S. of Yarnell and got a H. texana.  
(Cont. on Jan. 22)

THURSDAY, JUNE 9, 1938

160th  
Day

205 Days  
to come

This morning we started from Prescott at 7<sup>10</sup> MST. It was clear and cool. We hunted in granite 2 mi. N. of Prescott where there were a few cap-rocks and got a uter stans. The granite is not well flaked.

We hunted at Willow Creek which is just north of Jerome Junction. There is a fine creek here with many granite boulders which however do not flake well. Hoped to get a Xantusia but found nothing under any granite flake or cap rock. Probably too cold in winter. Other lizards were plentiful and we secured a number.

1 P.d. hernandesi DOR Chino Valley,  
Yavapai Co.

1 Skelly shot on the road at Del Rio, Yava. Co.

1 Crepidophorus shot and a collared  
lizard caught at Del Rio.

Collared lizard shot at Drake, Yavapai Co

" " seen at Pok, " "

Collared lizards and skellies seen and  
shot at Pok, Yavapai Co and at  
Prairie, Yavapai Co

Collared lizards were very plentiful along  
the road from Paulden north on rocks. They  
were large and a number were beautifully  
green in color. We stopped at several  
(Continued on Jan. 23<sup>d</sup>)

FRIDAY, JUNE 10, 1938

161st  
Day

Ember Day

204 Days  
to come

This morning we started west from Holbrook at 7<sup>00</sup>. It was clear and warm. I still hoped to get a mentis in the morning as I had done on the way to the Snake Dance.

We reached Winslow at 8<sup>07</sup>; clear and warm. Not a DOR in this 33 miles which should have been fruitful. We now went north across the prairie on the unpaved road to Leupp Trading Post. Here we inquired about roads and caught a B. woodhousii. We returned to the highway on the road via Canyon Diablo RR Station. Stopped to hunt in sandstone (a fine outcrop) 6 mi. SW of Leupp but got only 1 uta. This was at 9<sup>30</sup> but lizards did not seem to be out. Maybe too cool and breezy. A collared lizard was caught 10 mi SW of Leupp. A collared lizard was seen at the Canyon Diablo RR Station.

We hunted on the edge of Canyon Diablo between the highway at Two Guns and the RR Sta. and got several lizards. We next went down the Meteor Crater side road, which is in very bad condition, for 3 mi. and hunted in red sandstone. Got several lizards. We then returned to the highway and started west. 1 C. 2. perplexus DOR 3 mi. W. of Winslow.

(Continued on Jan. 27<sup>th</sup>)

SATURDAY, JUNE 11, 1938

162nd  
Day

St. Barnabas—Ember Day

203 Days  
to come

This morning we started from Las Vegas at 9<sup>30</sup>. It was slightly overcast, warm and sultry. We just went up the Indian Springs road toward Beatty. Only went up this road 10 miles and then turned back. Shot a couple of whiptails 9 miles from Las Vegas.

A couple of *P. platyrhinos* were caught on the road 6 mi. NW of Las Vegas. A collie was DOR 10 mi. NW of Las Vegas. We hunted along a couple of ditches for *R. onca* but had no luck. What appeared to be a bull frog was seen in the lake at Lorenzi Lake Park.

We again left Las Vegas on US 91 at 11<sup>05</sup>. It was cool, part cloudy, and quite windy.

- Bracken
- 1 Arizona L DOR ~~200m~~, Clark Co., <sup>Sandy desert</sup> light brush.
  - 1 *Platyrrhinos* DOR Jean
  - 1 Large female tortoise alive on the road at Jean.
  - 1 Gopher S DOR Borax, Clark Co. <sup>light brush</sup> 84<sup>p</sup> desert
  - 1 *Platyrrhinos* DOR Mountain Pass S.B.Co  
also caught a collared lizard and *Xantusia virgata* here, and saw a *utah*.
- at Clark Mountain Station: got 4 *Xantusia virgata*. Saw whiptails and *utah*.
- 1 Red Racer L DOR 3 mi. E. of Valley Wells.
- (Continued on Feb. 1)

SUNDAY, JUNE 12, 1938

163rd  
Day

Trinity Sunday

202 Days  
to come

This morning we started home from San Bernardino at 8 o'clock stopping for breakfast at Riverside. It was cold and cloudy.

1 Red Racer L DOR bet. Perris and Elsinore Grass.

1 Patchnose M DOR North Elsinore Brush-grass.

1 Gopher L COR Fallbrook Orchard. Brush  
Turned him loose.

1 Boyles King L DOR Buena Orchards

1 Gopher S DOR San Marcos grass.

Arrived home at 11<sup>45</sup>. Part cloudy and cold.

Miles in San Diego County 69.

Miles today 132

Total miles for the trip 2604

The trip was good sport. The collecting was poor partly because of unseasonable weather - partly through lack of knowledge of the proper season in which to collect in some areas.

The highlights were the Phyllorhynchus at Tucson and the pyrrhus on the Arizona side at Boulder Dam.

Spent the afternoon and evening catching up. Tim Deuel worked today and helped materially in taking care of the incoming material.

MONDAY, JUNE 13, 1938

164th  
Day

201 Days  
to come

Chas. Shaw worked today and made headway with the many incoming specimens.

Had a long talk with Bob Hoard yesterday about his trip. Agreed to pay \$50 toward his expenses and furnish him with various collecting material. He is to have the privilege of writing up his material first in connection with his master's thesis. I can then use the material in any write-ups as I see fit. Novel items were left somewhat undecided; I am to describe them if they belong to groups in which I have worked.

Bob called tonight for the jars; the other collecting material will be gathered later.

Gander reports a red racer DOR  
Lake Hodges June 2



TUESDAY, JUNE 14, 1938

165th  
Day

American Flag Adopted 1777 (Flag Day)

200 Days  
to come

El Cajon Rotary Club this noon. 15  
miles; nothing seen.

Called at the Zoo and got many  
specimens.

Worked tonight in collecting wants  
in Lower California for Bob Hoard.

Trip by Cy Perkins and Chas. Shaw 6/5

1 Cal King DOR	Witch Creek.	
1 leafnose DOR	Benson Dry Lake.	
1 Spotted Mite COR	Sentinel Canyon	7 <sup>40</sup>
1 Small Sonora COR	Yaqui Well	8 <sup>00</sup>
1 Tantilla eiseni COR	"	8 <sup>10</sup>
1 Arizona COR	The Narrows	8 <sup>15</sup>
1 leafnose DOR	"	
1 Sonora DOR	Yaqui Well	

→ geckos.

Miles of night hunting in desert territory 49

WEDNESDAY, JUNE 15, 1938

166th  
Day

*Pioneers' Day (Idaho)*

199 Days  
to come

Chas. Shaw worked today.

THURSDAY, JUNE 16, 1938

167th  
Day

*Corpus Christi*

198 Days  
to come

Out to dinner tonight.

Chas. Shaw worked today. Some headway being made on large accumulation of material.

FRIDAY, JUNE 17, 1938

168th  
Day

Bunker Hill Day (Boston)

197 Days  
to come

Shaw worked today. Pickled a lot of small rattlers.

Miscellaneous clearing up and straightening out tonight.

Miscellaneous records from correspondence etc:

Vidal, Inst., Riv. Co.

*S. occipitalis*

*P. decurtatus*

*C. variegatus*

1 *C. oreganus* ♀ M. swallowing a brush rabbit at 11 AM, Temp. 74°  
Stone Canyon Reservoir, L.A. Co.  
above from H.C. Wallen.

1 Garter Snake recd from Benedict  
Spring Valley June 13

1 Red Rattles at Halfway House BC, Hoard.

1 Pacific Rattles Mission Gorge "

*Oreganus* records from Dr Scott. All specs sent for examination but not worth saving:

Round Mountain 14 mi. S. of Williams	All in Coconino Co.
Coon Hill 9 " " " "	
Rushie Spring 10 " " " "	

SATURDAY, JUNE 18, 1938

169th  
Day

196 Days  
to come

Spent the day on miscellaneous  
catching up.

Had a final chat with Bob Hoard  
concerning his trip this afternoon.  
Gave him a few more items.

Jim Deuel worked today.

SUNDAY, JUNE 19, 1938

170th  
Day

1st Sunday after Trinity

195 Days  
to come

Spent all day on miscellaneous clerical and other work of this kind. Got everything fairly well caught up.

Gander reports a Boyle's King's Med. DOR Mission Gorge.

MONDAY, JUNE 20, 1938

171st  
Day

First Day of Summer

194 Days  
to come

Meeting of the reptile club tonight. Chapman Grant talked on Cayman Islands.

Roland E. Curtis reports King Snakes are more common trying to get at the eggs of the State game Farm it thinks than gophers. A few red racers are encountered. They take them quite a distance away and turn them loose. A few are of the "mitida" type markings.

A male king snake mated with a female gopher in the detention pen.

TUESDAY, JUNE 21, 1938

172nd  
Day

193 Days  
to come

Prof. Puzzlewit at women's meeting  
this noon.

Left San Diego for Los Angeles at  
135 today with Weiss. Clear and warm.  
Went out via Escondido, Fallbrook, and  
US 395 + 66 to Victorville.

1 Western Yellow Belly L DOR Mission Valley Grass  
Stopped at Escondido and Chula Vista  
Substations. Reached San Bernardino at 4<sup>50</sup>.

1 Red Racer S DOR Devore, San Bernardino Co  
Ate supper at Victorville.

Left Victorville west bound at 6<sup>15</sup>. Clear  
and cool. 75° cool.

1 Gopher L DOR at Turners Ranch 5 mi  
NW of Victorville. Grass - irrigated.

Went west to Adelanto, then south  
on 395 to Palmdale road, then west again.

Shutdown at 7<sup>10</sup> Cool and breezy. 70°F.

1 Magister DOR 5 mi N. of Phelan

1 Platyrhinus COR 10 mi. E. of Llano, LAG  
7.35 not quite dark. 71°

8<sup>30</sup> almost dark 65°. 8<sup>45</sup> quite dark 60°  
Breezy. No moon

1 Hengnuse COR 2½ mi. NE of Vincent LAG

9 P.M. 66°F No breeze. 1 Coleonyx COR 9<sup>05</sup>

Same. Put up at Burbank at 10<sup>45</sup>

Total miles 278. SD Co 68; warming desert drive 36.  
Much too cold to expect a good catch.



WEDNESDAY, JUNE 22, 1938

173rd  
Day

192 Days  
to come

In LA on business in the morning.  
Drove down at 4<sup>25</sup> P.M. arriving at 7.  
Going to fast to check snakes. Saw 1 dead  
one above Las Flores.

John Valleau's trip to Borego. Data  
received from David Regner. Trip made 6/21  
Probably to the county line and back.  
Temp probably below 65°.

- mostly E. g  
4 *Phyllorhynchus* d. *perkinsi* The Narrows.  
1 *Aryzina* E. *occidentalis* East of the Narrows  
1 *Crotalus cerastes* "  
1 *Urochamora* r. *roseofusca* Near the Narrows

David Regner's trip to Borego June 22.

*Coleonyx* passed up on return trip.

- |   |               |
|---|---------------|
| 1 <i>Aryzina</i> E. <i>occidentalis</i> Scissors Crossing | 801           |
| 1 <i>Rhinocheilus</i> lecontei "                          | 806           |
| 1 <i>Coleonyx</i> Sentenac Bridge                         | 811           |
| 1 <i>Rhinocheilus</i> lecontei Sentenac Bridge            | 830           |
| 1 <i>Phyllorhynchus</i> d. <i>perkinsi</i> Yaqui Well     | 835           |
| 1 " " " "   | 843           |
| 1 <i>Aemona</i> <i>occipitalis</i> 1 mi. E of Yaqui Well  | 905           |
| 3 <i>Coleonyx</i> Bet Yaqui Well & Narrows                | 910, 911, 916 |
| 2 <i>Phyllorhynchus</i> d. <i>perkinsi</i> The Narrows    | —, —          |
| 1 <i>Coleonyx</i> 2 mi. E. of The Narrows                 | —             |
| 1 <i>Phyllorhynchus</i> 1/2 " " " "                       | —             |
| 1 <i>Coleonyx</i> E. of The Narrows.                      | —             |
| 1 <i>Phyllorhynchus</i> 1 1/2 mi. W. of Benson's Dry Lake | —             |
| Return Trip — No <i>Coleonyx</i> recorded.                |               |
| 1 <i>Phyllorhynchus</i> 1 mi. W. of Dry Lake.             | —             |
| 1 " Yaqui Wells.  | —             |
| 1 " East End Sentenac Canyon.                             | —             |

THURSDAY, JUNE 23, 1938

174th  
Day

191 Days  
to come

The Campbells of 29 Palms called this morning. Also a party named Martin from Florida in the afternoon.

Chas. Shaw worked today.

Hill of Los Angeles came at 11 and left a number of specimens that Mosauer collected at Acapulco to be identified.

AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPE-  
TOLOGISTS, WESTERN DIVISION

(Report by Margaret Storey)

More than twenty members and guests met informally at the laboratory and home of Laurence M. Klauber on Friday afternoon and visited his unsurpassed collection of southwestern rattlesnakes and other herpetological specimens. On Saturday a night desert collecting trip arranged by C. B. Perkins, of the San Diego Zoo, yielded eleven live lizards of two species and twenty-three live snakes of seven species in four hours in the vicinity of The Narrows. In addition, fourteen snakes of ten species and two lizards were observed run over on the road. Some of these were in sufficiently good condition to be saved. The National American Society of Ichthyologists and Herpetologists meeting at Berkeley from July 20 to 23 prevented official participation in the American Association for the Advancement of Science meetings this year.

Science Sept 2, 1928

FRIDAY, JUNE 24, 1938

175th  
Day

Nativity of St. John Baptist  
Feast of Sacred Heart

190 Days  
to come

A number of members of the I H Society called and had tea this afternoon. Came at 2<sup>30</sup> and stayed (some of them) until after 6. Seemed to have a good time.

Among them were Mr. & Mrs. T.I. Storer, C.B. Perkins, Dorn, Chapman Grant, Sarah Atsatt, Margaret Storey, Mrs. and Miss Eigenmann, Huey, Cook, Zahn, Artran, Edna Caney, Hinton, Gander, Rhinehart (later) Mitchener, Jack Murray

Chas. Shaw worked today.

Dorn reports a Gopher at La Mesa and a Cal King at Lemon Grove during the present month.

Pam Hautes reports an Annella DOR in Mission Valley.

Roland & Curtis reports the following at Chino

Boyles King  
Gopher  
Red Racer.

Friday, June 24, 2:30 p. m.

Informal get-together at the laboratory of Laurence M. Klauber,  
233 West Juniper Street.

From program

SATURDAY, JUNE 25, 1938

176th  
Day

189 Days  
to come

Saturday, June 25

Afternoon and Evening

Desert field trip to Sentenac Canyon and Kane Springs. Starts from west entrance of Natural History Museum at 2:30.

The National A. S. I. H. meeting at Berkeley, July 19 to 23, prevents official participation in the A. A. A. S. meetings this year.

Spent the morning on miscellaneous catching up.

At 2:30 went over to the Museum to join the outing group. Found about 10 ready to go but waiting for Miss Otsatt. We waited until 3:15 and then started out, leaving Perkins to take Miss Otsatt if she turned up. There were in my car Abbott, Dr. David, Margaret Storey and Jim Deuel. We went out via US 80 to Pine Valley - Laguna Junction, then to Laguna Int, then over the Sunrise Hwy, Julian (where we picked up supplies) then down Banner grade and to the Narrows where we had supper. The other crowd (delayed by Miss Otsatt, who had been punched for speeding, and a puncture) did not show up until we had finished supper. The other crowd included Jack Murray, Cy Perkins, Dorn, Chas. Shaw, Miss Otsatt and Cook. When we met the other party we dropped Deuel and Miss David who hunted around (Continued and on Feb. 3d)

SUNDAY, JUNE 26, 1938

177th  
Day

*2nd Sunday after Trinity*

188 Days  
to come

Spent all day in miscellaneous  
clerical and other work.

MONDAY, JUNE 27, 1938

178th  
Day

187 Days  
to come

Out to dinner tonight.

Localities from Bogert

Trimorphodon

Mouth of Sakino Canyon.

Liguita, east base Gila Mts.

Phyllorhynchus

4, 29, 33 mi. E. of Gila Bend.  
(29 = Vekol Wash).

TUESDAY, JUNE 28, 1938

179th  
Day

186 Days  
to come

Got started on the desert night  
collecting paper today - finished  
an outline.

Cy reports a brood of 26 basiliscus  
born at the zoo today. 1 egg and 1  
defective specimen which was born dead.

Getting in touch with prospects  
for a trip to Tucson in the week end.

WEDNESDAY, JUNE 29, 1938

180th  
Day

St. Peter

185 Days  
to come

Went to the zoo this noon for specimens.  
Spent the evening bringing the  
catalogue of specimens down to date.  
Chas. worked this afternoon and  
I in tonight.



THURSDAY, JUNE 30, 1938

181st  
Day

184 Days  
to come

Chas worked today.

Philip preparing for his European trip.

Some miscellaneous work tonight.

FRIDAY, JULY 1, 1938

182nd  
Day

183 Days  
to come

Today at 12<sup>45</sup> P.M. started for Tucson with Chas. Shaw, Norman Bilderback and Norris Bloomfield. It was clear, warm, and somewhat breezy.

- 1 longnose L DOR Flinn Spr. Brush
- 1 Lateralis L " alpine. Brush
- 1 Gopher L " Laguna Inlet. Brush & trees.
- 1 Lateralis M " Lake Oakesprings Brush

Reached Yuma at 4<sup>45</sup> P.S.T. (all subsequent times are MST) It was clear and warm but not hot.

- 1 Platyrrhinos lost on the road 8 mi E. of Yuma
- 1 Patchose M DOR Stoval. Sandy desert with a little brush. Saved. Yuma Co.

Beundown at 7<sup>40</sup> MST.

- 1 P.s. affinis L. DOR Sentinel <sup>maricopa Co</sup> ~~Pima Co.~~
- Mesquite and other brush. Saved head.
- 1 P.s. affinis L DOR Theba, Maricopa Co.

Alfalfa fields. Saved.

Reached Gila Bend at 8<sup>25</sup>. Now almost dark.

Ate supper and started on eastward at 9<sup>10</sup>.

Now quite dark. Almost no wind.  $\frac{1}{3}$  moon.

84° F. (corrected). Caught an alvarius at Gila Bend just as we were starting.

- 1 Sonora occipitalis COR 12 mi E. of Gila Bend. 9<sup>45</sup>, 84°. Lost one probably the same thing imile further at 9<sup>52</sup>.

(Cont. on Feb. 8)

SATURDAY, JULY 2, 1938

183rd  
Day

Visitation B. V. Mary

182 Days  
to come

This morning we started eastward from Casa Grande at 7<sup>40</sup>; it was clear and cool.

Dead *Bufo alvarius* were noted at Arizola, Toltec, Eloy all Pinal Co.

We hunted for awhile in brush and subuaras at Wymola, Pinal Co, and got a considerable number of lizards. Cally was the only one seen and not taken. We also found a live desert tortoise in the subuara forest here. We left this point at 10<sup>40</sup>.

At Red Rock, Pinal Co *Bufo alvarius* was evident in a muddy irrigation pool by the roadside. There were a number of clasping pairs which would dive to the bottom together when one came in sight. We collected here in mesquite and got assorted lizards including scaly lizards. *Collis* were seen but not collected.

At Navisita, Pima County whiptails and *Alvarius* DOR and a *solare* was caught on the road. *Alvarius* also DOR at Marana, Rillito, Salino, Cortaro, Kino and Jaynes all in Pima Co. Everywhere toads were much in evidence compared with a month ago - one difference  
(Continued on Feb. 10)

SUNDAY, JULY 3, 1938

184th  
Day

3rd Sunday after Trinity

181 Days  
to come

This morning we got up rather late because we were out so late last night. It was 8<sup>30</sup> before all specimens were taken care of and the car packed; and 9<sup>15</sup> before we got started from Tucson. It was clear and warm, not hot.

1 P. d. decurtatus DOR Tucson. ♂ 44 blotches body  
(right in semi business district) 10 on tail  
1 Callis DOR and seen 10 and 11 miles N. of Tucson.

1 Gila monster L DOR 11 mi N. of Tucson.  
Mesquite and cactus.

1 P. browni L DOR 10 mi S. of Oracle Jct.  
Brush and cactus. Saved.

Callis seen 2 mi. S. of Oracle Jct.

Hunted in brush and cactus 4 mi N of Oracle Junction at 10<sup>30</sup>. Cool and breezy and very comfortable. Got a few lizards.

Hunted in rocks 4 mi. S. of Owl Head. Pinal Co. Collared lizard, U. O. symmetrica and callis were seen. A small DOR Gila monster was picked up here and saved. Scattered cactus mesquite and brush. It was too breezy and late in the morning for good hunting.

A large callis seen at Florence  
also B. alvarius

(Cont. on Feb. 15)

MONDAY, JULY 4, 1938

185th  
Day

Independence Day

180 Days  
to come

This morning we started from Blythe at 8<sup>30</sup>. It was clear and warm — somewhat warmer than on previous days.

Whiptail seen 3 mi. E. of Blythe. Hunted here a few moments in mesquite. N.G.

Cally and Dip seen 6 mi. W. of Blythe = Mesa Station.

Whiptails seen 7 and 12 mi. W. of Blythe.

We hunted for a while 15 mi. W. of Blythe; between 9<sup>30</sup> and 10. got a number of *Uta* *graciosa* and various other lizards. The *utas* were hanging head downward on greasewood. The bodies were a perfect color match with the gray limbs of the bushes. They could be spotted by looking carefully along each vertical branch. Sometimes they could be scared to the base of the branches and then shot.

Chas. Shaw found a red racer eating a small patchnose. He had only about 2 inches of the patchnose down, but it seemed quite dead. The patchnose contained a mouse and some round worms in the stomach. One of the collies caught here contained a dragon fly (large).

Whiptail seen at 17 mi. W. of Blythe.

We hunted for a while 21 mi. W. of

(Continued on Feb. 17)

TUESDAY, JULY 5, 1938

186th  
Day

179 Days  
to come

Went to the zoo this noon for  
specimens. Many now piled up  
awaiting presentation.

Miscellaneous catching up  
tonight.

---

Record of Hoang Cy Perkins  
trip to Borego July 1, 1938  
1 Boylea King L COR 1 mi. E. of  
Benson's Crossing, 6<sup>10</sup>.  
2 Red Racers DOR (Sentenac Canyon)  
1 Leafnose COR 7 mi. W. of Benson's 8<sup>05</sup>  
1 Sonora DOR Benson's.  
1 Sonora DOR The Narrows  
1 Leafnose COR 9<sup>40</sup> The Narrows  
1 Sonora COR 10<sup>30</sup> Benson's Dry Lake.  
1 Arizona COR 10<sup>50</sup> Benson's Dry Lake  
1 Sidewinder DOR Benson's Dry Lake  
1 Arizona DOR The Narrows  
1 Boa San Felipe Valley

On the same evening Tom and party  
got 5 leafnoses and 4 shovel noses  
between Magui Well and Benson's.

WEDNESDAY, JULY 6, 1938

187th  
Day

178 Days  
to come

Chas Shaw worked today.  
Accounts tonight.

THURSDAY, JULY 7, 1938

188th  
Day

177 Days  
to come

Chas. worked today  
Spent the evening making catalogue entries



FRIDAY, JULY 8, 1938

189th  
Day

176 Days  
to come

Chas Shaw worked today and  
Deneel tonight. Most snakes have been  
pickled to date.

Worked on specimen catalog tonight.

SATURDAY, JULY 9, 1938

190th  
Day

175 Days  
to come

Worked on maps and other material for the coming meeting at Berkeley. Also on the specimen catalogue. Got specimens at the Zoo.

Jim Deuel worked today.  
Company tonight.

SUNDAY, JULY 10, 1938

191st  
Day

4th Sunday after Trinity

174 Days  
to come

Spent the day at Cottons at  
Corte Madera with mom and Laura G.  
Foggy in town; clear and hot in the  
mountains. 109 miles.

- 1 Boyles King L DOR Lakeview grass
- 1 Boa L DOR grassmont brush.

MONDAY, JULY 11, 1938

192nd  
Day

173 Days  
to come

✓ M. Graham Nettling arrived this noon. Saw him tonight at the Reptile Club where he gave a good talk with colored slides.

He showed a picture of a Penna horridus with a complete and definitely outlined stripe from head to tail; the boylii - californicus transformation over again. Not the uneven and indefinite stripe of atricaudatus.

TUESDAY, JULY 12, 1938

193rd  
Day

Orangemen's Day

172 Days  
to come

Went to the zoo for lunch today  
and met the Nettings.

Chas Shaw worked today.

The Nettings came to dinner tonight.  
Mrs. Netting went to a concert; talked  
herpetology with Netting until 11.  
Mostly standardization of herpetological  
nomenclature and methods of  
measurement.

WEDNESDAY, JULY 13, 1938

194th  
Day

171 Days  
to come

Miscellaneous catching  
up tonight.

THURSDAY, JULY 14, 1938

195th  
Day

170 Days  
to come

Getting ready for the trip tomorrow

FRIDAY, JULY 15, 1938

196th  
Day

St. Swithen's Day

169 Days  
to come

Today started for Berkeley at 3<sup>30</sup>.  
Clear and warm. With Shurdy and  
Kathleen Arnold. Went by way of  
Oceanside, Bonsall, San Bernardino  
and then took the short cut through  
Cajon Canyon to Little Rock; thence  
via Mint Canyon back to Glendale.

1 garter L SOR SPM Clear & warm - Bonsall  
Creek and Brush

1 Gopher L DOR Fallbrook. Brush  
Full of eggs.

1 Red Racer L DOR Murrietta Olive Trees - Fields  
Hot at Elsinore at 6 P.M.

Warm at San Bernardino at 7 PM after sunset

1 Gopher L 9 mi. E. of Glano, L.A. Co.

At 8<sup>05</sup> Junction with Adelanto Road.

Quiet 74°; 8<sup>05</sup> not quite dark No. moon.

8<sup>30</sup> Quite dark. Strong breeze TP. Arrived  
at Burbank at 10<sup>30</sup> after some mix up  
re telegrams and location of auto court  
where Gg had reserved rooms.

Miles in S D Co 65; total miles 245.

Miles barren desert trip 42.

A very disappointing trip. Although  
cool it was not too cool for snakes to be  
out. The Cajon Canyon looks good - plenty  
shrubbery, but maybe the lower altitudes in the  
desert - no pine to Kramer for example are better.



SATURDAY, JULY 16, 1938

197th  
Day

168 Days  
to come

Started from Gesselbrachta at  
Glendale at 10<sup>10</sup>. Clear and warm.  
Went via Fillmore and Santa Paula to  
Ventura - thence via 101 to Salinas.  
Rodeo was on so there was a large  
crowd, and exorbitant rates at  
auto camps. Put up at Pine Inn at  
Carmel. where we arrived at 9<sup>30</sup>.

✓ Small gophers DOR Bradley Fields.  
Miles today 363.

Another proof that there is no  
hunting in July anywhere in the  
state in lowland territory.

SUNDAY, JULY 17, 1938

198th  
Day

5th Sunday after Trinity

167 Days  
to come

Today we started north from Carmel at 11<sup>30</sup> (ladies had been window shopping.) Traveled via Santa Cruz, The Redwood (Big Basin) State Park, and Stanford. Stopped at an auto court at San Mateo. Arrived at 6<sup>00</sup>. Clear and warm. 130 miles. Movie in the evening.

MONDAY, JULY 18, 1938

199th  
Day

166 Days  
to come

Drove up to San Francisco at 9<sup>30</sup> this morning; arriving at 10<sup>30</sup>.  
Conferred with Fox and Fiske until after lunch. Then came over to Berkeley and left the specimens at MVZ. Went to a movie in the evening.

TUESDAY, JULY 19, 1938

200th  
Day

165 Days  
to come

Spent the entire day at MVZ; first preparing specimens for exhibition with the assistance of Tom Rodgers — second discussing herpetological problems, particularly the definition of species. Looked at Benson's recent acquisitions from Sonora — a good lot — and Rodgers' material from the Providence Mountains. Went to lunch with Netting, Grant, and Myers.

Spent the evening from 6 until 8<sup>30</sup> at a meeting of the Board of governors of the I and H Society.

The specimens look good but are a very meagre collection. Broke my glasses this morning, a great inconvenience.

WEDNESDAY, JULY 20, 1938

201st  
Day

164 Days  
to come

Spent the day at the ITH Society meeting. Was elected president. Gave a talk on desert collecting at night. Spent the evening at a buffet supper at MVZ. The small snake exhibition was well received. Perkins arrived in the morning.

Had many interesting conversations on reptile matters today with Storer, Vorhies, Myers, Necker, Berry Campbell, Hulse, Miss Edna Fisher, Miss Atsatt, Vestall, Herre, Rodgers, Fitch, Bryant, etc.

THURSDAY, JULY 21, 1938

202nd  
Day

163 Days  
to come

Went over to San Francisco on business this morning at 8<sup>30</sup> and returned at 3<sup>30</sup> in time to conduct the final business meeting of the ASIAH society. The attendees moved in a joint meeting with the mammal ogists until 5<sup>45</sup>. Saw Uthies pictures of cinereus eating rabbits. The most interesting points were the use of fangs to aid in drawing in the food and rubbing on a rock to push the food down into the stomach when it was partially down. The latter may have been accidental.

In the evening went to the joint dinner with the Mammal Society. Said a few words on cooperation.

Tanner says he has many more concolor and will let me borrow them. Saw his worm snake paper. He will trade specimens. Ellis will trade literature. Saw Walter P. Taylor today.

FRIDAY, JULY 22, 1938

203rd  
Day

162 Days  
to come

This morning went down to Stanford to hear the last ASIAH papers. Arrived there at 10 and returned to Berkeley at 5. Good papers. Impressed by Twitthys Triturus results. Spent part of the afternoon in the Natural History Museum where Geo. Myers is making great improvements. Met a number of more Ichs and Herps.

Ate supper at a noted fish joint with Grants, Stokers, Netting and others. Talked over I & H matters with Netting.

1 Goshawk L. DOR just town S. of Redwood fields.

SATURDAY, JULY 23, 1938

204th  
Day

161 Days  
to come

Spent the morning until 11<sup>30</sup> packing up specimens at MVZ and trading with Rodgers and Fitch. Then went over to CAS and saw the gang just leaving for the Zoo. Lunched with Blewin. Then left SF at 3<sup>30</sup>. Went via Gilroy and Hollister to the Pinnacles, arriving at 7<sup>30</sup>. 1 Garter (*Nitralis*) lost on the road just south of Tree Pines. Got a few frogs in the evening. Plenty deer about. The Snags come up under the oaks like toads. There were plenty tadpoles about.



SUNDAY, JULY 24, 1938

205th  
Day

6th Sunday after Trinity  
Pioneers' Day (Utah)

160 Days  
to come

This morning we left the Pinnacles at 10<sup>42</sup>. It was clear and warm. We went down the road to the junction near the CCC camp and then went 2 miles NW to the end of the road. Got a skelly on the way. Walked up the canyon for maybe  $\frac{1}{4}$  mile and got a skelly and a number of frogs. Saw one large whiptail and a M. lateralis DOR. The frogs were in caves with pools at the bottom.

The country does not look anything like Xantusia vigilis territory. It is transition territory with pines and other trees all about. There are no yuccas, at least where I was. While there are plenty of rocks, and more high up where we did not go, they are not smooth and they do not flake. A few chunks were pried off without result. A few more frogs were taken along the creek on the way out and another skelly or two. All were within the monument.

We hunted at a sheep ranch 3 mi. E of Kanab and got a skelly. Saw no reason to expect magister here and none was seen. It is barren, foothill

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Cont. on Feb. 19

MONDAY, JULY 25, 1938

206th  
Day

St. James

159 Days  
to come

- Started from Delano this morning at 9<sup>55</sup>. Clear and warm. Cooler than yesterday.
- 1 *T. 2. infernalis* DOR Greenfield, Kern Co fields, saved
- 1 Gopher S. DOR Same.
- 1 Gopher very large DOR 4 mi. S. of Greenfield Grass.
- 1 *Oreganus* S DOR Grapevine. Brush. Saved head. Light color.
- Hunted in tree yuccas near Caswell's (L & Co) and saw a magister.
- Saw a rita in Frenchman's Flat.
- 1 Bogles King L DOR Frenchman's Flat. On the bridge. Narrow clear light stripes
- Nothing seen in San Diego County.
- Count 50 miles.
- Reached home at 6<sup>15</sup> Clear and warm. Miles today 579. Total for trip 1668

TUESDAY, JULY 26, 1938

207th  
Day

St. Anne

158 Days  
to come

Spent the day catching up. Went to the zoo at noon.

Recd a photo from Waller showing an Oreganus swallowing a rabbit. Snake 29" long.

WEDNESDAY, JULY 27, 1938

208th  
Day

157 Days  
to come

Movie tonight. Still catching up.

Recent locality Records:

*Tantilla eiseni*

Gardian Plateau, 15 mi. SW of Riverside

E. Kozloff, Riverside, letter 7/13

Monument headquarters Pinnacles

Natl Monument, San Benito Co,

136. ft, 12-20-37 MVZ 25331

*Anniella pulchra*

Cholome Creek, Bear Valley, Pinnacles

National Monument 12-27-37

MVZ 25330.

THURSDAY, JULY 28, 1938

209th  
Day

World War Began 1914

156 Days  
to come

Catalog entries tonight.  
Pham worked today.

At the zoo a Boyles King ate a  
dead fish and the eggs of another King  
snake

A L. zonata ate another during  
transportation

FRIDAY, JULY 29, 1938

210th  
Day

155 Days  
to come

Shaw worked today, pickling  
specimens.

Out to dinner tonight.

SATURDAY, JULY 30, 1938

211th  
Day

154 Days  
to come

Spent the entire day and evening on all kinds of catching up and made good progress.

SUNDAY, JULY 31, 1938

212th  
Day

7th Sunday after Trinity

153 Days  
to come

Miscellaneous catching up today. Made good progress clearing up odds and ends. Almost ready to begin some literary work again.

The *Zonotrichia* from Picacho and Tucson are certainly a good subspecies.

Walter Necker, Chapman Grant, & Burmeister came in this evening. Spent the evening discussing literature.



MONDAY, AUGUST 1, 1938

213th  
Day

152 Days  
to come

Some clearing up tonight.

TUESDAY, AUGUST 2, 1938

214th  
Day

151 Days  
to come

Worked a little on forms tonight.  
Necker worked in the library from  
8 to 10 P.M.

Chas. Shaw worked today.

WEDNESDAY, AUGUST 3, 1938

215th  
Day

150 Days  
to come

movie tonight  
Chas. Shaw worked today.

THURSDAY, AUGUST 4, 1938

216th  
Day

149 Days  
to come

Company tonight.  
Chas Shew worked today.  
Hecker worked in the library tonight  
7 to 11.

FRIDAY, AUGUST 5, 1938

217th  
Day

148 Days  
to come

Shaw-worked today. All specimens are  
now pickled but there are many to count.

Received Form 20c tonight. Hope it is  
right this time.

Out to dinner tonight

SATURDAY, AUGUST 6, 1938

218th  
Day

Transfiguration

147 Days  
to come

Devel worked today counting.

Miss Guthrie of Sacramento called  
this morning. We talked collecting  
etc for an hour.

Worked on miscellaneous items all  
day including accounts.

Out to dinner tonight.

SUNDAY, AUGUST 7, 1938

219th  
Day

8th Sunday after Trinity

146 Days  
to come

Spent the morning working over the previously finished notes from the diary. Wrote the C. lugubris note. In the afternoon wrote the paper on Protective Coloration vs Protective Radiation.

Hecker worked in the afternoon and evening on separates.

MONDAY, AUGUST 8, 1938

220th  
Day

145 Days  
to come

Finished copy of Diary Notes No. 1  
made today.

Necker worked all day today in  
books in the library.



TUESDAY, AUGUST 9, 1938

221st  
Day

144 Days  
to come

Hecker worked nearly all day.  
A little work on statistical forms  
today.

WEDNESDAY, AUGUST 10, 1938

222nd  
Day

St. Lawrence

143 Days  
to come

Necker worked in the library  
this afternoon.

Dinner tonight.

Walker's trip to Borego. Temp  
about 96° mt there.

1 longnose DOR Mission Gorge

1 Sonora DOR The Narrows.

1 leafnose COR " "

3 geckos caught in Borego

1 Uta stans " at Bensons

1 Baby Dip " " The Narrows.

THURSDAY, AUGUST 11, 1938

223rd  
Day

142 Days  
to come

Necker worked in the library this afternoon and finished  
Sent Diary Notes No. 1 to Cooper today.

✓  
FRIDAY, AUGUST 12, 1938

224th  
Day

141 Days  
to come

Bob Hoard called up today - has just returned. Will see him and the material tomorrow morning.

Called at the zoo today and got such material as was there.

Still trying to be certain of various items in my statistical forms. Worked hard on them tonight; didn't make very good progress

SATURDAY, AUGUST 13, 1938

225th  
Day

140 Days  
to come

Bob Hoard came in today and we discussed the results of his trip and looked at his specimens which were left here. A good series of lizards; snakes not so good as the season was too far advanced. Should go down there in spring. Many of the problems still unsolved although he worked hard and used all the newer collecting methods. I am surprised he got no *Xantusias* in spite of turning over many yuccas which were plentiful. He will work the material up as a thesis later. Offered him all my L.C. material from previous collections if he wanted it.

Worked the rest of the day on statistics trying to improve the correlation and Chi Square forms. Decided to let them go as is. A frightful waste of time but I think I have a better understanding of the situation. The texts are terribly vague, involved, and conflicting. Will stay with the older pre-Fisher methods on correlation.

Devel worked this afternoon and evening preserving specimens.

✓  
SUNDAY, AUGUST 14, 1938

226th  
Day

9th Sunday after Trinity

139 Days  
to come

Worked on miscellaneous items in the morning, and on the radiation color protection paper in the afternoon. Didn't make as good progress as I had hoped.

MONDAY, AUGUST 15, 1938

227th  
Day

Assumption B. V. Mary  
Panama Canal Opened 1914

138 Days  
to come

Went to Reptile Club meeting tonight.  
Discussed recent Berkeley meeting.  
Worked a little on the radiation paper.

Trip by David Regner.

—	Jentenas	7 <sup>00</sup>	70°
	Fresh wind east of the Narrows.		
—	The Narrows	7 <sup>13</sup>	73°
—	Ocotillo (Benson's Dry lake)	7 <sup>33</sup>	83°
	No coleonyx recorded this trip.		
1	Phyllorhynchus .5 mi E. of Ocotillo	7 <sup>55</sup>	84°
1	Callisaurus 4.1 " " " The Narrows.	7 <sup>59</sup>	81°
1	Sonora ocapitalis 2.6 " " " " "	8 <sup>05</sup>	80°
1	" " 2.1 " " " " "	8 <sup>10</sup>	80°
1	Phyllorhynchus 0.8 " " " " "	8 <sup>15</sup>	80°
1	" 0.9 <del>mi</del> W " " " "	8 <sup>25</sup>	72°

(moon rose almost full).

1 Phyllorhynchus. 2.1 mi. E of Laguna 8<sup>32</sup> 70°

To County line and return

There was a heavy ground fog in Julian the preceding night, causing the first cool break in a week of rather hot weather.

TUESDAY, AUGUST 16, 1938

228th  
Day

*Bennington Battle Day (Vt.)*

137 Days  
to come

Dinner tonight.



WEDNESDAY, AUGUST 17, 1938

229th  
Day

136 Days  
to come

Worked on the color and radiation  
paper tonight

THURSDAY, AUGUST 18, 1938

230th  
Day

135 Days  
to come

Went to Los Angeles with Ralze  
at 7<sup>30</sup>. Meetings all day. Returned  
with Chas. Cotant at 10<sup>50</sup>

FRIDAY, AUGUST 19, 1938

231st  
Day

134 Days  
to come

a little work on the radiation paper  
tonight.

SATURDAY, AUGUST 20, 1938

232nd  
Day

133 Days  
to come

Spent part of the day on the radiation paper (on which little headway was made) and part on checking specimens and other miscellaneous work.

Records from some specimens from the Museum of Northern Arizona

Gopher 1 mi. SE of Pitt, Coconino Co  
T.O. vagrans. 1 mi. SE of Pitt, Coconino Co  
1 mi S of Pitt                   "  
3 mile Lake,                   "  
2 mi SE of Pitt,               "

SUNDAY, AUGUST 21, 1938

233rd  
Day

10th Sunday after Trinity

132 Days  
to come

Today I made some real progress with the color-radiation paper finishing the first complete draft in the afternoon. This was hard to coordinate.

Spent the rest of the time on suggestions to Barlow for the new check list

MONDAY, AUGUST 22, 1938

234th  
Day

131 Days  
to come

People in to dinner tonight.

David Regnery made a trip to  
Borego Dry lake tonight and got  
nothing.

Sentenas Canyon

7:45

78°

Ocotillo

93°

Overcast but no rain.

TUESDAY, AUGUST 23, 1938

235th  
Day

130 Days  
to come

El Cajon Rotary Club today. Quite hot. 30 miles. Nothing seen.

Chas. Shaw worked today.

Mrs. Leslie started on the dispersion calculations today - Form 20c

Tonight started the entries in this diary into the field note sheets Form 31c

WEDNESDAY, AUGUST 24, 1938

236th  
Day

*St. Bartholomew*

129 Days  
to come

A little miscellaneous work  
tonight.

Shaw worked today.



THURSDAY, AUGUST 25, 1938

237th  
Day

128 Days  
to come

Worked on the dairy tonight.  
Shaw worked today, and Deuel  
in the evening.

FRIDAY, AUGUST 26, 1938

238th  
Day

127 Days  
to come

Shaw worked this afternoon.  
Visitors tonight, nothing done.

SATURDAY, AUGUST 27, 1938

239th  
Day

126 Days  
to come

Miscellaneous work all day, especially worked on Field Notes from this diary.

Now up to page 13

Talked over the radiation paper with Perkins.

Hoar started work on his specimens today. I have worked - also Deuel in the afternoon.

SUNDAY, AUGUST 28, 1938

240th  
Day

11th Sunday after Trinity  
St. Augustine

125 Days  
to come

Spent the morning entering notes from this diary into the Field Trip Sheets, Form SIC and finished it down to this date. A tough job, but necessary if locality records and similar statistics are to be maintained.

Spent the afternoon and evening coordinating worm snake records, now very badly arranged.

MONDAY, AUGUST 29, 1938

241st  
Day

124 Days  
to come

Worm snake takulations complete tonight.  
Shaw worked today.

TUESDAY, AUGUST 30, 1938

242nd  
Day

123 Days  
to come

Company tonight.

Shaw worked today. Got Barboza's material ready for shipment.

Flock of Tucson called today. Stayed a while to study preserving with Shaw.

Hill came down from LA and took his specimens back

WEDNESDAY, AUGUST 31, 1938

243rd  
Day

122 Days  
to come

Shaw worked today.  
Sent a bunch of specimens to  
Barlowe.

THURSDAY, SEPTEMBER 1, 1938

244th  
Day

121 Days  
to come

Shaw worked today  
Talked to the Dutch Theat Club on  
books this noon.

A little miscellaneous work  
tonight — very tired.



FRIDAY, SEPTEMBER 2, 1938

245th  
Day

120 Days  
to come

Shaw worked today.

Called at the job early in the  
morning.

Little work tonight — too tired.

SATURDAY, SEPTEMBER 3, 1938

246th  
Day

119 Days  
to come

Worked all day on the night  
collecting paper and made very  
satisfactory progress. It is beginning  
to look like something  
Out to dinner tonight.

SUNDAY, SEPTEMBER 4, 1938

247th  
Day

12th Sunday after Trinity

118 Days  
to come

Worked all day on the night  
collecting paper and continued with  
satisfactory progress

Bob Hoard worked on his Lower  
California material this morning

MONDAY, SEPTEMBER 5, 1938

248th  
Day

Labor Day

117 Days  
to come

This morning I continued work on the desert night collecting paper and finished the first draft of all but the part citing specific experiences and the tabulation of statistics. Finding that the records as compiled in the field trip books did not lend themselves well to assembling these data I decided to go through all the diaries and reedit the desert trips. This is a long hard job but when done will improve the material considerably. Worked the rest of the day and evening on this listing and got as far as August 1933.

Bob Howard worked on his Lower California material this morning.

TUESDAY, SEPTEMBER 6, 1938

249th  
Day

116 Days  
to come

Bob Hoard worked this morning.

Shaw worked today.

Huey gave me a DoR gopher from Lyons  
Peak. gave it to Bilderback.

Worked on accounts tonight

WEDNESDAY, SEPTEMBER 7, 1938

250th  
Day

115 Days  
to come

Bob Hoard worked this morning.  
Went to Hollywood this afternoon  
with Gg Thursty to see La Boheme at  
the Bowl. A clear cool day. Started  
at 32°. 54 miles in San Diego County.  
Nothing seen.

THURSDAY, SEPTEMBER 8, 1938

251st  
Day

114 Days  
to come

Returned from Hollywood this morning starting at 7<sup>15</sup> and arriving at 11<sup>05</sup>. Clear & cool. 54 miles in the country. Nothing seen.

Chas Shaw worked today.

✓ D.D. Brand of the University of New Mexico called today for his 3 specimens of willardi.

Worked tonight tabulating desert trips.

David Regnery made a trip to Bugeo Dry Lake tonight but got nothing.

Pentecost Canyon	63°	80°
The Narrows		64°
Ocotillo		72°

✓  
FRIDAY, SEPTEMBER 9, 1938

252nd  
Day

Admission Day (Calif. 1850)

113 Days  
to come

Recd from Perkins a large  
dried worm snake from Cottonwood.  
Will not be saved

Hoard worked in the morning. Shaw  
worked all day.

Called at the Zoo today and got a  
number of good specimens including  
Bufo canorus from Mt. Dana.

Went to the Reptile Club tonight.  
Much interesting discussion. Bob Hoard  
showed movies of his Lower California trip.  
Regnery said that in the recent fire  
below Julian he had followed the fire  
lines for six hours and no snakes came  
out. It was in good country. No burned  
snakes were seen in the burned area  
later

Got a copy of Perkins SD Co Snake  
Paper today



SATURDAY, SEPTEMBER 10, 1938

253rd  
Day

112 Days  
to come

Howard worked in the morning.  
Talked over his prospective work with  
him at some length.

Shaw worked all day.

Spent the morning on the omitemanus  
note and finished the first draft.

Then continued assembling the desert  
trip data.

Jim Devel worked on worm snakes  
this afternoon.

Noted a small DOR <sup>ring neck</sup> ~~worm~~ snake on  
our own driveway today.

Movie tonight.

Recd a large Pacific Rattlesnake from  
Oceanside crew today.

SUNDAY, SEPTEMBER 11, 1938

254th  
Day

13th Sunday after Trinity

111 Days  
to come

Deuel and Shaw worked today;  
Deuel on worm snakes, Shaw counting  
rattles.

I worked all day and evening,  
mostly transcribing the desert field  
notes. Did a little work on worm  
snakes.

MONDAY, SEPTEMBER 12, 1938

255th  
Day

Old Defenders Day (Baltimore, Md.)

110 Days  
to come

Worked awhile on the desert trip records tonight. Now finished up to the current year.

(Sept. 15, Continued)

84°. Not yet sunset. 5<sup>20</sup>.

Sunset near Lancaster 5<sup>45</sup>, 83°

Drove from Lancaster to Mohave in dusk, arriving at Mohave at 5<sup>30</sup>; much of the road being oiled. Drove fast. Don't count this as part of evening drive.

Started east from Mohave on the real evening drive at 6<sup>40</sup>, almost dark, no moon, almost no breeze, 80°.

7 P.M. 5 mi. E. of Mohave. 80°. ~~Alm~~ Dark. Very slight breeze. Black pavement distinctly warmer to the palm of the hand than the earth on the side of the road.

1 Arizona S (not J) DOR 5 mi. N. of Muro 57<sup>25</sup>

Kern Co., Squiering. 79°. Warm, no wind.

1 longnose J COR, Rich, Kern Co., 7<sup>55</sup>, 77°.

Very slight breeze; pavement a little warmer than sand.

1 Scute J. COR, Rich, Kern Co., 7<sup>59</sup>, 76°

Mild breeze.

3 lizards, 1 dead mouse so far. Not many mammals tonight.

1 Med Scute COR, Amargo, Kern Co. 8<sup>13</sup>, 76°

(Continued on Sept. 13).

TUESDAY, SEPTEMBER 13, 1938

256th  
Day

109 Days  
to come

Deuel worked on Worm Snakes today.  
Went to movie tonight

(Sept 15 Continued from Sept. 12)

This one acted queerly; thought it was  
hurt but evidently not.

1 Arizona T DOR Amargo, Kern Co, saved.  $81^{\circ}$

1 Scute L DOR 2 mi. W. of Kramer.  $82^{\circ}$

Reached Kramer Junction and turned south  
at  $83^{\circ}$ ,  $75^{\circ}$ . No wind; no moon.

9 P.M. 9 mi. S. of Kramer Jct.  $73^{\circ}$  <sup>Road under  
repairs</sup>

$93^{\circ}$  4 mi. N. of Adelanto  $67^{\circ}$

Adelanto at  $94^{\circ}$   $67^{\circ}$

Junction with 66 at  $10^{\circ}$   $65^{\circ}$ . little  
breeze.  $\frac{1}{2}$  moon just coming into view.

Reached San Bernardino at  $104^{\circ}$ ,  $70^{\circ}$ .

Evening drive Michave to Jct. with 66  
77 miles. Total miles today 264.

WEDNESDAY, SEPTEMBER 14, 1938

257th  
Day

Star Spangled Banner  
Music Composed 1770-1775  
Words Composed Sept. 14, 1814

108 Days  
to come

Started for Santa Barbara today alone. Clear and warm. beginning of a hot spell. Started at 10<sup>40</sup>. Went via the Coast road.

Stopped to see Mrs. Atsatt at UCLA for a few moments. She said she was very busy with new students. She told me chicks get darker as they get warmer. Cowles wasn't there - was in La Jolla.

There was a hot wind along the cliffs north of Santa Monica. Surprising so close to the ocean.

1 Banded Racer L DOR Del mar Brush.

1 Gopher very large DOR Bixby Slough  
LA Co Grass

1 Banded Racer M DOR Punta Ventura  
Co; Brush - sea beach.

Reached Santa Barbara at 5<sup>30</sup>.  
Warm and sultry.

Miles in SD Co 53

Total miles. 215.

THURSDAY, SEPTEMBER 15, 1938

258th  
Day

107 Days  
to come

At the Gas Assn Convention in Santa Barbara in the morning.

Started south at 1<sup>30</sup> - warm and sultry. Went via Ventura, Santa Paula, Fillmore and Pirin to Castaic Junction then up the new Ridge Route to Gorman thence to Lancaster north to Mohave, east to Kramer Junction, South via 395 to Adelanto, Cajon Pass and San Bernardino.

The south side of the Antelope valley looks poor in the daytime all the way from Quail Lake to a point 6 mi. W. of Lancaster. Except for the Joshua forest between Fairmont and Menach it is all stubbles fields, grazing land, and a dead pear orchard. No good brush. Would certainly be a waste of time to work this at night. Looks good between Lancaster and Mohave but too much travel.

1 Route MDOR 7 mi. W. of Fairmont,  
Dead Orchard and Grass.

Hunted for a short while to kill time in the joshuas 6 mi. W. of Fairmont and got a couple of *X. vigilis* under dead stems. They seemed to be quite plentiful -  
(Continued on Sept. 12)

FRIDAY, SEPTEMBER 16, 1938

259th  
Day

106 Days  
to come

Started for home from San Bernardino at 6<sup>35</sup>; clear and cool.

Orcutt's out at 7<sup>15</sup> bet. Ben's + Elsinore lost a juvenile snake here; either a red racer or gopher.

1 Arizona J DOR Bonsall grass - brush.

1 Oregon L DOR Vista Fields

1 Cal King J DOR " "

1 Gopher L DOR San Marcos Brush - fields

1 Boyles K J DOR Poway Grass

Arrived home at 10 AM. Clear and warm miles in SD Co 65; total today 124.

Called at the zoo at noon and got No. 2. Brood of King's snakes. Met Cowles.

Had a chat with Cowles 5<sup>10</sup> to 5<sup>00</sup>. Told him of my prospective papers. They evidently will not conflict with his.

Cain sent 3 rattlers but they must be returned.

SATURDAY, SEPTEMBER 17, 1938

260th  
Day

U. S. Constitution Adopted 1787

105 Days  
to come

Noted this morning very young  
scute rattling and making fine fighting  
pose. Young Boyles King hatched in  
captivity did the same. Rattled violently.  
Worked all day entering the night  
trays into special sheets preparatory  
to tabulating (except Chas. Shaws)  
A big job involving 52 sheets.



SUNDAY, SEPTEMBER 18, 1938

251st  
Day

14th Sunday after Trinity

104 Days  
to come

Worked on statistics of all kinds  
necessary for the night collecting paper.  
Also wrote a few paragraphs on items  
lately thought of as additions.  
Phaw worked today.

MONDAY, SEPTEMBER 19, 1938

262nd  
Day

103 Days  
to come

People in to dinner tonight. Checked

Some Poros

Sept 21 cont.

may have lost another ita or 2. They  
are hard to see.

Reached home at 10<sup>45</sup>. Total miles  
192. Miles in S.D. Co. daylight drive 93.  
Miles evening desert hunting drive (to Banner)  
28 miles; Bonego trip 24 miles

TUESDAY, SEPTEMBER 20, 1938

263rd  
Day

102 Days  
to come

Revising and coordinating the night-hunting paper tonight. Some progress made.

Went out to El Cajon Rotary today 20 miles. Nothing seen w/o a flashlight. Hot

WEDNESDAY, SEPTEMBER 21, 1938

264th  
Day

St. Matthew  
Ember Day

101 Days  
to come

This afternoon at 3 o'clock started for the desert with Gunders to check the vegetation on the Bo vego road. It was hot and sultry after several days of this character.

1 Small red acer DOZ Shady Dell Trees. <sup>Brush</sup>  
arrived at Julian at 4<sup>45</sup>; and at  
Jesse's Crossing at 5<sup>20</sup>. From here  
on we made notes on vegetation.

We ate supper at the County line  
it being then almost dark. No wind.  
No moon. 6<sup>14</sup>; 80°. Plants here are  
smaller and more scattered than further  
back, thus accounting for change in  
snakes. Air temperature and road temp. 85°  
Pavement somewhat warmer.

Started west driving slowly at 6<sup>42</sup>. 85°  
1 Uta stans COR 6 mi. E. of The Narrows. 71.5°  
Rather strong breeze in the Narrows. 74<sup>42</sup>; 85°  
1 Uta stans LOR Foot of Antennae 80°; 81°.  
Antennae Bridge 81°, 78°. Quiet and dark  
Jesse's Crossing 82°; 73° slight breeze.  
July 3 mammals 20 pr. from the County  
line - 1 mouse, 2 rats (1 DOZ). From  
now on to Banner they were quite thick.  
1 Arvicola J COR 2 mi. E. of Banner 83°, 74° Breeze  
1 Boyles J COR Banner 83°, 76°.  
(Continued on Sept 19)

THURSDAY, SEPTEMBER 22, 1938

265th  
Day

100 Days  
to come

A little work tonight Chapman  
Came around for references.

FRIDAY, SEPTEMBER 23, 1938

266th  
Day

1st Day of Autumn—Ember Day

99 Days  
to come

Went to the Zoo at noon and got  
specimens.

Worked tonight on the 16 year COR  
record to determine the day and night  
specimens, and thus the ratio of diurnal  
and nocturnal activity.

Chapman said

SATURDAY, SEPTEMBER 24, 1938

267th  
Day

Ember Day

98 Days  
to come

Spent the entire day working on the desert-night collecting paper. Made headway. Finished tabulating all CORs Chas. Shaw work part of the day.

---

J. Devels desert trip of Sept 23-25.

Sept. 23<sup>d</sup>

1 Red Racer J Santee DOR

1 Gopher J DOR Foster DOR

Reached Penterac at 7<sup>40</sup> 86° slight breeze.

1 Phyllor COR 2 mi. E. of Bensons 8<sup>06</sup> 87°

1 Arizona J DOR 1 mi. W of "

44 miles of desert night driving

✓ Coleonyx COR 1 squashed

1 Phyllodactylus COR Penterac-Bridge 8<sup>35</sup> 86°

Sept. 24<sup>th</sup>

7 P.M. 87° windy. Start from Bensons.

1 Desert Gopher COR 3 mi. W. of Bensons 86° 80°

1 Phyllodactylus COR Penterac-Bridge 8<sup>45</sup>, 86°  
63 miles.

Sept. 25

at 8<sup>30</sup> AM caught a Boyles King at foot of  
Bonny Mt. eating a sidewinder. Had the  
head down. extricated him and he was OK.  
off road.

1 Gopher L DOR Banner.

SUNDAY, SEPTEMBER 25, 1938

268th  
Day

15th Sunday after Trinity

97 Days  
to come

Spent all day on the night  
collecting paper, reversing, and  
rearranging as usual & it takes  
much longer than was expected.



MONDAY, SEPTEMBER 26, 1938

269th  
Day

*Jewish New Year*

95 Days  
to come

Company for dinner tonight.

Called at the zoo this noon  
but Perkins was out. Got 2  
broods of King snakes.

Deuel worked on worm snakes  
today. Evidently myopica is a  
valid species or subspecies.

Did a little work tonight.  
The Rhinocheilus from Sonora looks  
like a good subspecies.

Perkins trip of today.

1 Red Racer DOR Fernbrook & Shady Dell

1 Gopher J DOR " " "

Cold and cloudy 79° 5<sup>30</sup> at Top Bentonac

1 Gecko COR 4 mi. W. of Narrows 6<sup>33</sup> 86° F

1 " " The Narrows 7<sup>00</sup> 91°

1 Sonora DOR 4 mi. W. Bensons

1 Baby Leafnose COR do 7<sup>32</sup> 92°

90° at Bensons at 8 o'clock.

1 Gecko COR 3 mi W of Bensons 8<sup>05</sup> 92°

1 Sonora COR 5 " E " The Narrows 8<sup>17</sup> 92°

1 Leafnose DOR The Narrows.

1 Gecko EOR 2 mi. W. of Bensons 9<sup>05</sup> 88°

1 Garter COR 4 " E " The Narrows 9<sup>45</sup> 88°

1 Dip COR 2 " " " " 9<sup>55</sup> 88°

85° at Bentonac at 10<sup>29</sup>; 76° at Scissors.

Reached Scissors at 10<sup>48</sup>. miles evening drive  
70.

✓  
WEDNESDAY, SEPTEMBER 28, 1938

271st  
Day

94 Days  
to come

A little work done in the night  
collecting paper tonight ; not much — too  
much was excitement

THURSDAY, SEPTEMBER 29, 1938

272nd  
Day

*St. Michael and All Angels*

93 Days  
to come

labor conference today and the  
European Settlement. I am a  
wreck.

Jim Deuel worked today on  
worm snakes and Rhinocœurus.

FRIDAY, SEPTEMBER 30, 1938

273rd  
Day

92 Days  
to come

More labor conferences today.  
Tired tonight. Went to a movie.

SATURDAY, OCTOBER 1, 1938

274th  
Day

Missouri Day (Mo.)

91 Days  
to come

Went to the Natural History Museum  
and the zoo in the morning.

Spent the entire day and evening  
in miscellaneous routine work; especially  
bringing up to date the species catalog.  
I have worked today.

SUNDAY, OCTOBER 2, 1938

275th  
Day

16th Sunday after Trinity

90 Days  
to come

Spent the morning on worm snakes.  
Discovered that LMK 28839 from ~  
mi. E. of Pentecost Bridge has supracaudals.  
Here's a problem:— is it a freak or a  
new species?

Out to lunch — then back to work  
at 4.

Also worked on Multimanus.

Shaw worked this afternoon.

Looked over Rhinocheilus, looks like  
some possible subspecies.

MONDAY, OCTOBER 3, 1938

276th  
Day

89 Days  
to come

Out to dinner.

Cliff May killed a large mule  
in Agua Tibia Mt. yesterday. Also  
Warren in the same place - saw the  
skin.



TUESDAY, OCTOBER 4, 1938

277th  
Day

*St. Francis of Assisi*

88 Days  
to come

Out to dinner tonight. Writing  
letters for worm snakes.

WEDNESDAY, OCTOBER 5, 1938

278th  
Day

*Jewish Day of Atonement*

87 Days  
to come

A little miscellaneous work  
tonight - too tired for much.

Shipped 2 stinks to Taylor and  
got venoms ready for Mittleman.

Went to Chula Vista in the morning

1 Cal King's L DOR Okay in same cut. grass.  
15 miles

THURSDAY, OCTOBER 6, 1938

279th  
Day

86 Days  
to come

Worked on the tabulations of  
Phyllorhynchus tonight

FRIDAY, OCTOBER 7, 1938

280th  
Day

85 Days  
to come

Went to a movie tonight ; company  
in to dinner. To the zoo at noon.

✓ SATURDAY, OCTOBER 8, 1938

281st  
Day

84 Days  
to come

Spent the morning on the night collecting paper — particularly the lizards.

I have worked today, from late in the morning until 4 P.M. Deuel worked in the afternoon.

Spent the afternoon and evening on snake statistics for this paper.

SUNDAY, OCTOBER 9, 1938

282nd  
Day

17th Sunday after Trinity

83 Days  
to come

Worked on tabulations for  
the night collecting trips all  
morning

Went to Corte Madera at 3 P.M.  
returning late at night. A  
clear cool day. 49 daylight  
miles.

1 Gopher	J DOR	Flenn Spr.	Grass
1 Striped R	L DOR	" "	Brush.
1 Gopher	J DOR	Alpine	Grass

MONDAY, OCTOBER 10, 1938

283rd  
Day

32 Days  
to come

This morning started for Los Angeles at 7<sup>05</sup> with gg. Clear and cool. Nothing seen. Arrived at 9<sup>55</sup>. 53 miles in San Diego County.

Returned late in the afternoon and evening.

1 Gopher J. DOR Newport ~~L.A.~~ Orange Co fields.

No travel in S.D.Co in daylight.

Went out to the L.A. museum and saw Hill for an hour and a half in the afternoon.

Noted a L.r. gracia from Bonanza Mine near Essex San Bernardino Co.

CH. Dammers 4-11-36 No. Cat. number.

A good specimen although somewhat faded. Narrow even light stripes 2 scales wide; mid dorsal dark stripe 6 rows wide.

Also a Cal. King No. 802 L.A. City. Mottled. A badly broken mid dorsal line sometimes lengthwise, sometimes crosswise, sometimes spots. Parallel light lines low down in the sides somewhat like nitida. Brown color not so dark.

TUESDAY, OCTOBER 11, 1938

284th  
Day

81 Days  
to come

Cook left me two small San Diegan  
and mission gorge  
gophers from San Diego, this morning.  
Worked a little on Arizona tonight.



WEDNESDAY, OCTOBER 12, 1938

285th  
Day

*Columbus Discovered America 1492*

80 Days  
to come

Too tired to do any work tonight.

THURSDAY, OCTOBER 13, 1938

286th  
Day

79 Days  
to come

Jim Deuel worked on worm  
snakes this afternoon.

Worked a little on worm snakes  
tonight.

FRIDAY, OCTOBER 14, 1938

287th  
Day

78 Days  
to come

Company tonight nothing done.

7  
SATURDAY, OCTOBER 15, 1938

288th  
Day

77 Days  
to come

Chas. Shaw worked today, picking broods and making scale counts on Phyllophrynos.

I spent the entire day from early morning until after 10 tabulating statistics for the night collecting paper. Made good progress but there is much still to be done. Think it best to prepare all the tables before starting to write up any of them. The paper up to the tables and their discussion is practically finished - about 75 typewritten pages.

✓  
SUNDAY, OCTOBER 16, 1938

289th  
Day

18th Sunday after Trinity  
U. S. Mint Established 1786

76 Days  
to come

Bob Hoard called today and got specimens.

Shaw and Bevel worked today.

Did a little miscellaneous checking.  
The rest of the day and evening spent tabulating tables for the collecting paper.

MONDAY, OCTOBER 17, 1938

290th  
Day

75 Days  
to come

Meeting of Reptile Club tonight -  
talk on raising Spade foot toads in  
captivity

localities from gander

Oct. 5. 1 med gopher COR alpine brush.

Oct 11 Juw. gopher COR in school yard.

at → P.M. De Luz

Oct 11 Juw Gopher COR  $3\frac{1}{2}$  mi. N of  
Fallbrook on De Luz Road

TUESDAY, OCTOBER 18, 1938

291st  
Day

St. Luke

74 Days  
to come

Went to El Cajon Rotary Club Today.  
20 miles. Nothing seen.

Worked on the synonymy of the Worm  
Snakes tonight

Jim worked on Oklahoma worm  
snakes today

WEDNESDAY, OCTOBER 19, 1938

292nd  
Day

73 Days  
to come

Movie tonight.



THURSDAY, OCTOBER 20, 1938

293rd  
Day

72 Days  
to come

Went to Los Angeles today on business. Drove up with the Rabers at 7<sup>30</sup>; returned in the streamliner at 11. Jim worked on Salasadora today.

FRIDAY, OCTOBER 21, 1938

294th  
Day

71 Days  
to come

Went to a Bancroft-Franklin rally  
tonight

Perkins reports sidewinders  
trying to mate at the zoo yesterday.

locality records picked up from  
Zoo cards this year

*C. m. pyrrhus* Mecca.

*C. cinereus* Brawley

*E. philtonianus* (blue tail) Del Mar.

Bevel traps

*C. v. oregonus* Rosanta Beach B.C.

*M. f. inatus* 3 mi. N. of Rosanta Beach

*L. californiae* do.

*M. piceus* 2 " " " " "

*C. v. o.* " El Descanso

*C. mel.* Halfway Cafe.

*T. o. hammondi* La Misión

" 1/2 mi. N. of Ensenada

*C. v. oregonus* Halfway Cafe.

SATURDAY, OCTOBER 22, 1938

295th  
Day

70 Days  
to come

Spent the day and late into the evening getting data together for Chicago trip and making annual list of S.D. Co snakes for the census.

Shaw worked today putting away material and pickling Jackson rattlers.

SUNDAY, OCTOBER 23, 1938

296th  
Day

19th Sunday after Trinity

69 Days  
to come

Spent the entire day on the annual census and got the tabulation in its primary form down to date.

Shaw worked today putting away material. Refilled the large jars with ~~rub~~ alcohol. Pickled Tockley material.

Got a lot of material ready to take to Chicago and arranged and organized it

MONDAY, OCTOBER 24, 1938

297th  
Day

68 Days  
to come

Getting ready for Chicago trip  
Company tonight

TUESDAY, OCTOBER 25, 1938

298th  
Day

67 Days  
to come

Went to El Cajon Rotary today. 20  
miles - blank.

Jim worked on worm snakes  
today.

I worked on them tonight. Not  
yet sure that humilis and dulcis -  
myopica in Arizona are the same  
thing.

WEDNESDAY, OCTOBER 26, 1938

299th  
Day

66 Days  
to come

Getting ready for the trip to Chicago  
today. Read USNM warm snakes.  
Movie tonight.

THURSDAY, OCTOBER 27, 1938

300th  
Day

*Theodore Roosevelt—Born 1858*

65 Days  
to come

Started for Chicago on the Chief this morning at 8. Didn't get much done. Read a lot of material to catch up. Corrected some of the papers lately written.



FRIDAY, OCTOBER 28, 1938

301st  
Day

*St. Simon and St. Jude*

64 Days  
to come

Tabulated the annual census,  
and made good headway on this.  
Visited with Mrs. Griffie in her compartment.

SATURDAY, OCTOBER 29, 1938

302nd  
Day

63 Days  
to come

Spent the morning on the San Diego County census and practically finished it.

Arrived at Chicago at 1<sup>30</sup>. Went to see Schmidt at about 2. Talked over various matters, especially ASIAH Committee appointments. Listed the rattlers in the Field Museum collection and was surprised at the number of them. Some from SE are particularly interesting as well as several from Mexico, the most important of which have already been loaned to Gloyd. Also there were 2 fine *Rhinocheilus* from Mexico and a number of interesting worm snakes. Asked that these be sent me. Schmidt had my worm snake and *Rhinocheilus* references laid out. He will copy them for me.

Schmidt told me D+B habitually counted dorsals on worm snakes.

Schmidt and I returned to the hotel about 5 where we met Gloyd and had dinner together. Then we discussed miscellaneous matters until after 11. Especially talked species, nomenclature, who was doing what, etc.

SUNDAY, OCTOBER 30, 1938

303rd  
Day

20th Sunday after Trinity

62 Days  
to come

This morning I completed the SDCs census table. Studied Taylor's worm snake paper. Did a little work in the night collecting papers.

Gloyd called for me at 10 and we went to the Chicago Academy of Sciences. Here we worked until 6<sup>30</sup> P.M. with time out for lunch with Gloyda and Necker.

looked over the CAS specimens of *Rhinocentulus*, *Phyllorhynchus*, and *Arizonia*. Made lists and asked to have other items shipped, particularly *Phyllorhynchus* from vicinity of Wickenburg and some worm snakes out of Blanchard's collection.

Made lists of all rattlers in the CAS collection with Gloyd's assistance. Looked at the T-S, and Field recent rattler acquisitions from Mexico. They are interesting. Gloyd gave me scale counts of most of them. Also of many horridus. Looked over Kauffeldt's unicolor; Gloyd gave me the counts of the pups.

Went to Gloyda's apartment had a late supper and talked herpetology until 10<sup>30</sup>. Then back to the hotel.

MONDAY, OCTOBER 31, 1938

304th  
Day

(Hallowe'en)—Reformation Day

61 Days  
to come

Spent the day in the Chicago office on business.

Schmitt called at 8 AM for the papers he had left by mistake on Saturday night. He had read the radiation paper and seemed to think it worth while. We breakfasted together. Gave him the night collecting paper to read.

Spent the evening in my room arranging papers and catching up on reading.

Devels trip to Alaska, B.C., 10-30-38  
192 miles. Warm day.

1 P.c. annectens DOR L Dulzura  
At Alaska collected or noted.

3 X. henshawi

U. microscutata

U. stansburiana (stejnegeri)

TUESDAY, NOVEMBER 1, 1938

305th  
Day

All Saints' Day

60 Days  
to come

Spent the day in the Chicago office discussing all kinds of business.

Spent the evening with the Uhlenbergs at dinner - and Vanderlie; College Inn

✓  
WEDNESDAY, NOVEMBER 2, 1938

306th  
Day

All Souls' Day

59 Days  
to come

In Chicago office all day on business.

Had dinner and another bull session with Schmidt, Gloyd, and Necker. Discussed the proposed 10 year index. Also the coming meeting next year in Chicago and whether it should be in May or September. Discussed convention committees and their organization. They left about 11.

THURSDAY, NOVEMBER 3, 1938

307th  
Day

58 Days  
to come

Called at the office this morning and checked up unfinished items of business. Then went to the Field Museum and counted rattlers until about 3<sup>30</sup>. Lunched with Schmidt and D.D. Davis. There was a letter from Netting reopening the date of the convention. Saw some fine work by Davis on rattler skulls and fangs. He can clear alcoholic specimens better than fresh. Talked statistics with Davis. Also saw L.H. Walters celluloid snakes and criticized them for them. Looked at Monroe calculators but didn't buy any. Went to dinner and a movie with Laura.

FRIDAY, NOVEMBER 4, 1938

308th  
Day

57 Days  
to come

Packed until 9. Then went to the office and cleared up the rest of the business. Returned to the hotel at 11 then caught the train at noon. Phoned Gloyd from the station. He said he had a new triseinatus from Mexico. Jacobsen came down to the train.

Spent the afternoon and evening catching up on reading.



SATURDAY, NOVEMBER 5, 1938

309th  
Day

56 Days  
to come

Enroute home. Did some tabulating.  
Also reread the collecting paper and  
got some writing done.

SUNDAY, NOVEMBER 6, 1938

310th  
Day

21st Sunday after Trinity

55 Days  
to come

Did a little more correcting  
this morning.

Arrived home at 3<sup>30</sup>. Spent the  
afternoon and evening catching up.

MONDAY, NOVEMBER 7, 1938

311th  
Day

54 Days  
to come

Spent the morning catching up  
and made some headway. Got mail at  
the Nat Hist. Museum and Zoo.

TUESDAY, NOVEMBER 8, 1938

312th  
Day

*Election Day*

53 Days  
to come

Went to El Cajon Rotary this noon.  
25 miles nothing seen. A clear, warm,  
dry day.

Spent the evening on accounts  
and listening to election returns.

WEDNESDAY, NOVEMBER 9, 1938

313th  
Day

52 Days  
to come

a little miscellaneous work tonight; too  
tired to do much.

THURSDAY, NOVEMBER 10, 1938

314th  
Day

*Martin Luther—Born 1483*

51 Days  
to come

Worked late this evening on material  
secured in Chicago and made good progress.  
Also arranging work for Mrs. Leslie.  
Jim Deuel worked today.

FRIDAY, NOVEMBER 11, 1938

315th  
Day

Armistice Day

50 Days  
to come

Spent the entire day entering localities  
from the data secured on the Chicago trip;  
a slow and tedious process.

I'm worked on Worm snakes.

Localities of specimens sent for identification  
from MNA

*C. taeniatus taeniatus*

Huizier Spring, Wupatki Natl Monument

S.F. Mts, Ariz. Upper Sonoran Grassland  
Elev. 5000 ft.

Wupatki Pueblo. Same general locality

*T. o. vagrans*

Flagstaff.

*L. pyromelana*

Flagstaff.

*P. s. affinis*.

Wupatki Pueblo.

Water Lily Canyon, branch of the Dogoszhi

Biko, of the Tsegi Canyons, Navajo Co,

Upper Sonoran Zone, Elev 6700 ft.

SATURDAY, NOVEMBER 12, 1938

316th  
Day

49 Days  
to come

Worked all day on the night  
collecting paper. Made some progress,  
but it goes slowly.  
Chas. Shaw worked today.



SUNDAY, NOVEMBER 13, 1938

317th  
Day

22nd Sunday after Trinity

48 Days  
to come

Shaw worked all day on Rhinocheilus  
and Devel on worm snakes.

I worked all day on the night collecting  
paper — statistical section. It is now  
virtually complete. Next will come the  
lizard hunting and field note section.

MONDAY, NOVEMBER 14, 1938

318th  
Day

47 Days  
to come

Went to Los Angeles on business  
this morning, starting at 7. with  
Bailey. 54 miles in the country. nothing  
seen. A very cold morning.  
Returned in the late evening.

TUESDAY, NOVEMBER 15, 1938

319th  
Day

46 Days  
to come

Getting ready for San Francisco trip  
tonight!

WEDNESDAY, NOVEMBER 16, 1938

320th  
Day

45 Days  
to come

Started for San Francisco with  
gg and Sherry at 2 P.M. A clear  
cold day. Nothing seen in the  
country. 54 miles

Stopped for the night in Modesto  
427 miles. 11<sup>20</sup> P.M. Cold

THURSDAY, NOVEMBER 17, 1938

321st  
Day

44 Days  
to come

Drove from Modesto to San Francisco.  
Called on Chickering.

FRIDAY, NOVEMBER 18, 1938

322nd  
Day

43 Days  
to come

Business in San Francisco  
all day.

SATURDAY, NOVEMBER 19, 1938

323rd  
Day

42 Days  
to come

Railroad Commission business in  
the morning. Football game in the  
afternoon

SUNDAY, NOVEMBER 20, 1938

324th  
Day

*Sunday next before Advent*

41 Days  
to come

Drove home today. A fine cool day. Started from Elsie's at 9 and arrived at 11<sup>30</sup>. 52.5 miles by my speedometer. Stopped for supper at Pasadena.



MONDAY, NOVEMBER 21, 1938

325th  
Day

Presentation B. V. Mary

40 Days  
to come

Worked hard catching up today.

Worked on collecting paper tonight,  
checking parts and tables copied  
while I was away.

Recd from Benedict a small gopher  
caught at La Mesa.

TUESDAY, NOVEMBER 22, 1938

326th  
Day

39 Days  
to come

El Ceyin Rotary Club this noon.  
25 miles. Nothing seen.

Jim Deuel worked on worm  
snakes today. He and Chas. Shaw  
caught X. henshawi, P. tuberculosus,  
and S. okeanus at junction of Collins  
Creek and Coyote Canyon, head of Borrego  
Valley.

Philharmonic tonight.

WEDNESDAY, NOVEMBER 23, 1938

327th  
Day

38 Days  
to come

Miscellaneous catching up tonight.

THURSDAY, NOVEMBER 24, 1938

328th  
Day

*Thanksgiving Day*

37 Days  
to come

Worked all morning on the night collecting paper and made good headway revising and smoothing; particularly the discussions of the statistical part. Much of the same remains to be done.

Dinner is at lunch and evening took all the rest of the day.

FRIDAY, NOVEMBER 25, 1938

329th  
Day

36 Days  
to come

Chas. Shaw worked today.

Worked a little tonight on the collecting  
papers; not long — too tired.

SATURDAY, NOVEMBER 26, 1938

330th  
Day

35 Days  
to come

Bob Hoard called this morning to discuss *Chilomeniscus*.

Chas. Shaw worked all day. Started identifying and tagging the Pemberton and Perkins Mexican collections.

Went to the zoo and Natural History Museums this morning. Mrs. Benchley reiterated her intention to publish the collecting paper.

Worked on miscellaneous work - also on the collecting paper all day and made some good progress. Listened to the Stanford - Dartmouth game this afternoon. Out to Hialeah for dinner.

SUNDAY, NOVEMBER 27, 1938

331st  
Day

1st Sunday in Advent

34 Days  
to come

Spent the entire day on the collecting and radiation papers. They are now really complete, except for the 1938 additions to the tables. Will now start on the lizard field note paper.

Chas. Shaw worked today tagging and identifying Pemberton and Perkins material.

MONDAY, NOVEMBER 28, 1938

332nd  
Day

*First Post Office in New York 1783*

33 Days  
to come

Worked a little on worm snake  
records tonight.



TUESDAY, NOVEMBER 29, 1938

333rd  
Day

32 Days  
to come

Daniel worked today counting worm  
snakes  
movie tonight.

WEDNESDAY, NOVEMBER 30, 1938

334th  
Day

*St. Andrew*

31 Days  
to come

Shaw worked today.  
Wiggins 45 anniversary dinner  
tonight.

THURSDAY, DECEMBER 1, 1938

335th  
Day

30 Days  
to come

Deuel worked on worm snakes  
today

Miscellaneous work tonight -  
getting ready for talk at Riverside  
tomorrow.

FRIDAY, DECEMBER 2, 1938

✓ 336th  
Day

*Monroe Doctrine Declared 1823*

29 Days  
to come

Went to Riverside this afternoon with Hitch and Dell to make a speech at a PECA meeting. Started at 2<sup>15</sup> and arrived at 5<sup>20</sup>. Clear and cool. Nothing seen.

Returned 9<sup>30</sup> to 12<sup>45</sup>. Cold. Dell driving.

SATURDAY, DECEMBER 3, 1938

337th  
Day

St. Francis Xavier

28 Days  
to come

Worked all day on miscellaneous. Spent quite a while tabulating lizard field notes out of this diary for Part III of the Collecting pages. Out to dinner tonight.

SUNDAY, DECEMBER 4, 1938

✓ 338th  
Day

2nd Sunday in Advent

27 Days  
to come

Too tired to do well on the lizard field notes this morning.

Got in some good licks on the worm snakes this afternoon and evening. Checked colors on specimens and made entries in the large final sheets. Finally decided there is a real difference between the dulcis and albifrons groups. Not only a matter of color but the supraoculars are much larger in the latter — come closer to the eye.

MONDAY, DECEMBER 5, 1938

339th  
Day

26 Days  
to come

People in to dinner tonight.

TUESDAY, DECEMBER 6, 1938

340th  
Day

25 Days  
to come

Concert tonight.



WEDNESDAY, DECEMBER 7, 1938

341st  
Day

24 Days  
to come

Spent the noon hour with Perkins getting his criticisms of the collecting paper. got about half through.

Accounts tonight.

Artran called today to discuss his proposed new book. He stayed in the library about an hour and took 6 books with him.

THURSDAY, DECEMBER 8, 1938

342nd  
Day

*Immaculate Conception*

23 Days  
to come

Today went to N. C. and Chula Vista  
30 miles nothing seen a very hot  
day.

FRIDAY, DECEMBER 9, 1938

343rd  
Day

22 Days  
to come

Today drove out to Tamacha, Dehesa, Glen Lonely, Tapatul Terrinito's and home by way of the highway. A hot day following 3 hot days. 78 miles. Nothing seen. Not a lizard.

Talked the collecting paper with Perkins today and got the last of his criticisms.

A little work on lizard field notes tonight.

SATURDAY, DECEMBER 10, 1938

344th  
Day

21 Days  
to come

Got in some good ticks on the hybrid section of the paper today. Finish the Boulder Dam part and got started on the species notes.

Chas. Shaw worked today.

SUNDAY, DECEMBER 11, 1938

345th  
Day

3rd Sunday in Advent

20 Days  
to come

Read parts 1 and 2 once more and made a few additional corrections.

Worked all day on lizard field notes; made good headway but finally got tired out. Then switched to American worm snake references and got these all lined up in good shape for future work.

Chas Shaw worked today. Checked 3 worm snakes by the new schedule and found it works well. Found a couple in which the supraoculars touch the anterior supralabials.

MONDAY, DECEMBER 12, 1938

346th  
Day

19 Days  
to come

Went to La Jolla this evening to  
the Fellows meeting with Chapman Grant.

TUESDAY, DECEMBER 13, 1938

✓ 347th  
Day

18 Days  
to come

Went to Escondido Rotary club for lunch today. Out by way of Del Mar and Santa Fe Ranch; returned by regular road. Started at 10<sup>45</sup>; back at 1<sup>45</sup>. A clear warm day. 71 miles nothing seen.

Jim worked today.

Worked on worm snake characteristics this evening

WEDNESDAY, DECEMBER 14, 1938

348th  
Day

*Ember Day*

17 Days  
to come

Out to dinner tonight.



THURSDAY, DECEMBER 15, 1938

349th  
Day

16 Days  
to come

Spent the evening on a Death Valley  
list for Jos. Dixon.

FRIDAY, DECEMBER 16, 1938

350th  
Day

*Ember Day*

15 Days  
to come

Conferred with Bertin's at the Zoo  
on the collecting paper at noon.  
Movie tonight

SATURDAY, DECEMBER 17, 1938

351st  
Day

Ember Day

14 Days  
to come

Started the day with miscellaneous catching up; then hit the lizard field notes and got in some really good ticks.

Shaw worked today still classifying the Mexican collections.

Out to dinner tonight.

SUNDAY, DECEMBER 18, 1938

352nd  
Day

4th Sunday in Advent

13 Days  
to come

Chas. worked today.

I worked all evening on the  
lyrid notes and finally completed  
them; at least the first draft.

MONDAY, DECEMBER 19, 1938

353rd  
Day

12 Days  
to come

Went to Reptile Club meeting tonight.  
Election of officers

TUESDAY, DECEMBER 20, 1938

354th  
Day

11 Days  
to come

Shaw worked today.

Did some work tonight preparing  
bibliofilm orders for the worm snake  
items not in my library.

WEDNESDAY, DECEMBER 21, 1938

355th  
Day

St. Thomas  
Pilgrims Landed Plymouth Rock 1620

10 Days  
to come

Philip returned from his European trip today.

Chas. worked on Counting Paterns.

Looked over the fang section of the statistical study with the idea of reversing this next. It looks as if it could be worked over in a relatively short time - 2 or 3 months. The temptation is considerable to describe some new subspecies in Arizona, *Rhinocichlus*, *Phyllorhynchus* etc, but the rattles series ought to be issued from time to time.

THURSDAY, DECEMBER 22, 1938

356th  
Day

*First Day of Winter*

9 Days  
to come

Today went out to El Cajon, Paradise Valley, Chula Vista, National City. A cold day after many days of heavy rain. 50 miles. Nothing seen.

Chas Shaw worked today.



FRIDAY, DECEMBER 23, 1938

357th  
Day

8 Days  
to come

Chas. Shaw worked today.

Miscellaneous filing and catching  
up tonight.

Started Mrs. Heslie on gang tabulations  
although she hasn't finished calculation  
of moments.

SATURDAY, DECEMBER 24, 1938

358th  
Day

7 Days  
to come

Entered all specimens in the record catalogue to date.

Went over to the NH and Zoo and got final criticisms on the collecting paper from Gander and Perkins.

Started work in a small way on the fang paper.

Chas. Shaw worked today.

SUNDAY, DECEMBER 25, 1938

359th  
Day

*Christmas Day*

6 Days  
to come

A little done in the morning —  
otherwise parties, dinners, and visits.

MONDAY, DECEMBER 26, 1938

360th  
Day

St. Stephen  
Washington Crossed Delaware 1776

5 Days  
to come

Worked all day on the feng paper  
and made first-class progress,  
completing a first and revised  
draft, down to the statistical part.  
This must now be completely revised  
including new data, measurements,  
and methods

TUESDAY, DECEMBER 27, 1938

361st  
Day

*St. John Evangelist*

4 Days  
to come

Had a conference with Mrs. Benchley.  
Showed her the ms. and got a final  
OK on taking it to the printer.

Jim Deuel worked today.

Worked on worm snakes tonight  
preparing a schedule for the boys  
to work on tomorrow.

WEDNESDAY, DECEMBER 28, 1938

362nd  
Day

*Holy Innocents*

3 Days  
to come

The collecting manuscript went to the printers today. How long now before it will be issued?

Deuel and Shaw worked today checking typical worm snakes for the second series of characteristics.

THURSDAY, DECEMBER 29, 1938

363rd  
Day

2 Days  
to come

Worked for awhile tonight on  
the fur tables that have been awaiting  
the end of the year for completion.

FRIDAY, DECEMBER 30, 1938

364th  
Day

1 Day  
to come

This noon called at the NH museum and the Zoo. Got some data from Mrs. Leslie Cy told me a USC student told him he had found desert tortoises active at night; one with a moon in mid-July at 8 PM. Another time in mid-August no moon. Both times around rocks at Pulte Butte near Honeygutter Butte, L.A. Co.

Did a little work in farage tonight.



SATURDAY, DECEMBER 31, 1938

365th  
Day

Spent all day on sexual dimorphism  
in fang length and correlation of  
H and F. Made good progress but as  
usual these long computations go slowly.  
At least after the L-H battle last winter  
I know how to tackle a problem  
of this type.

## MEMORANDA

Worked all day on the correlation of L and F, and H and F, Platteville series only. Made good progress but these calculations are certainly time consuming.

# MEMORANDA

# MEMORANDA

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# MEMORANDA

## JANUARY

## FEBRUARY





## APRIL

MAY

Date

CASH

Rec'd

Paid

JUNE

Date

CASH

Rec'd

Paid

## JULY

## AUGUST

SEPTEMBER

## OCTOBER

## NOVEMBER



## DECEMBER

# RECAPITULATION

	Rec'd	Paid
Cash on Hand Jan. 1st		
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
Total		
Balance to New Account		

# LEGAL HOLIDAYS

## Holidays observed in all States

January 1 —New Year's Day  
 February 22—Washington's Birthday  
 July 4 —Independence Day  
 1st Monday in September—Labor Day  
 Last Thursday in Nov.—Thanksgiving  
 December 25—Christmas

Ala..... Jan. 19, Shrove Tuesday, April 13, April 26, June 3, Oct. 9, Elect. Day, Nov. 11  
 Alaska... Feb. 12, March 30, May 30, Oct. 18. . .  
 Ariz..... Feb. 14, May 30, Oct. 12, Election Day, Nov. 11  
 Ark..... Jan. 19, June 3, Oct. 12, Election Day, Nov. 11  
 Cal..... Feb. 12, May 30, Sept. 9, Oct. 12, Election Day, Nov. 11  
 Colo..... Feb. 12, May 30, Aug. 1, Oct. 12, Election Day, Nov. 11  
 Conn.... Feb. 12, Good Friday, May 30, Oct. 12, Nov. 11  
 Del..... Feb. 12, Good Friday, May 30, Oct. 12, Election Day  
 D. C..... May 30  
 Fla..... Jan. 19, Shrove Tuesday, Good Friday, April 26, June 3, Oct. 12, Election Day, Nov. 11  
 Ga..... Jan. 19, Feb. 12, April 26, June 3, Election Day, Nov. 11  
 Hawaii... May 30, June 11, Nov. 11  
 Idaho.... May 30, June 15, Oct. 15, Election Day, Nov. 11  
 Ill..... Feb. 12, May 30, Oct. 12, Nov. 11  
 Ind..... Feb. 12, May 30, Oct. 12, Elect. Day  
 Iowa.... Feb. 12, May 30, Elect. Day, Nov. 11  
 Kan..... Feb. 12, May 30, Oct. 12, Elect. Day  
 Ky..... Jan. 19, Feb. 12, May 10, May 30, Oct. 12, Election Day  
 La..... Jan. 8, Shrove Tuesday, Good Friday, 3rd Tuesday in April, June 3, Oct. 12, Election Day, Nov. 11  
 Me..... April 19, May 30, Oct. 12, Elect. Day  
 Md..... March 25, Good Friday, May 30, Sept. 12, Oct. 12, Election Day  
 Mass.... April 19, May 30, Oct. 12, Nov. 11  
 Mich.... Feb. 12, May 30, Oct. 12, Elect. Day

Minn.... Feb. 12, Good Friday, May 30, Election Day, Nov. 11  
 Miss..... Jan. 19, April 26, June 3. (Oct. 1)  
 Mo..... Feb. 12, May 30, Oct. 12, Election Day, Nov. 11  
 Mont.... Feb. 12, May 30, Oct. 12, Election Day, Nov. 11  
 Neb..... Feb. 12, May 30, Oct. 12, Election Day, Nov. 11  
 Nev..... Feb. 12, May 30, Oct. 12, Oct. 31, Election Day  
 N. H..... Last Thursday in April, May 30, Oct. 12, Election Day, Nov. 11  
 N. J..... Feb. 12, Good Friday, May 30, Oct. 12, Election Day, Nov. 11  
 N. M..... Feb. 12, May 30, Election Day  
 N. Y..... Feb. 12, May 30, Oct. 12, Election Day  
 N. C..... Jan. 19, April 12, May 10, May 20, Election Day, Nov. 11  
 N. Dak.. Feb. 12, May 30, Oct. 12, Election Day, Nov. 11  
 Ohio.... Feb. 12, May 30, Oct. 12  
 Okla.... May 30, Election Day  
 Ore..... Feb. 12, May 30, Oct. 12, Elect. Day  
 Pa..... Feb. 12, March 4, Good Friday, May 30, Oct. 12, Election Day, Nov. 11  
 R. I.... May 30, Oct. 12, Elect. Day, Nov. 11  
 S. C.... Jan. 19, June 3, Elect. Day, Dec. 28  
 S. Dak.. Feb. 12, May 30, Elect. Day, Nov. 11  
 Tenn.... Jan. 19, Feb. 12, Good Friday, May 30, June 3, July 13, Election Day, Nov. 11  
 Texas.... March 2, April 21, May 30, June 3, Oct. 12, Election Day, Nov. 11  
 Utah.... Feb. 12, May 30, July 24, Oct. 12, Election Day  
 Vt..... May 30, Aug. 16, Oct. 12, Nov. 11  
 Va..... Jan. 19, May 30, June 3, Election Day, Nov. 11  
 Wash.... Feb. 12, May 30, Oct. 12, Elect. Day  
 W. Va... Feb. 12, May 30, Oct. 12, Elect. Day  
 Wis..... May 30, Election Day  
 Wyo.... Feb. 12, May 30, Election Day

Holidays in Parenthesis ( ) are not Observed by all the Banks.

Holidays falling on Sunday observed the day after.

Notes and acceptances due on holidays are payable day after except Nevada and Texas, where payable day before.

# POSTAGE RATES

Subject to Change; Consult Postmaster

**AIR MAIL:** 6c. for first oz.  
6c. for each additional oz. or fraction.

**FIRST CLASS:** Written matter and matter sealed against inspection.

**LETTERS:**.....3c an ounce or fraction  
except for local delivery which is 2c “ “ “  
**POST CARDS** (Private Mailing) 1c. each.  
**POSTAL CARDS** (Government) 1c. each.

**SECOND CLASS:** Full copies of newspapers, magazines and periodicals. (May be sent Parcel Post if cheaper)

**DOMESTIC:**.....1c. for ea. 2 oz. or fraction.  
**FOREIGN:**.....1½c. “ “ “ “

**THIRD CLASS:** Merchandise and printed matter weighing 8 oz. or less.

1½c. for each 2 oz. or fraction.  
(Special rate of 1c. for each 2 oz. or fraction for printed books and catalogs of 24 pages or more.)

**FOURTH CLASS:** (Parcel Post) covers matter weighing over 8 oz. (except 1st and 2nd class). Zone rates apply.

**SPECIAL HANDLING** provides a means for securing same fast transit and delivery on fourth class parcels as is accorded letter mail.

If ordinary postage stamps are used, packages must be endorsed: “SPECIAL HANDLING”.

Additional Fee  
2 lbs. or less.....10c.  
over 2 lbs. and up to 10 lbs.....15c.  
over 10 lbs.....20c.

## SPECIAL DELIVERY

### FIRST CLASS

Additional Fee  
up to 2 lbs.....10c.  
over 2 lbs. and up to 10 lbs.....20c.  
over 10 lbs.....25c.

### OTHER CLASSES (including special handling)

up to 2 lbs.....15c.  
over 2 lbs. and up to 10 lbs.....25c.  
over 10 lbs.....35c.

If ordinary postage stamps are used, package or letter must be endorsed: “SPECIAL DELIVERY”

### REGISTRY MAIL, FIRST CLASS (Sealed)

Indemnity	Fee	Indemnity	Fee
Up to \$ 5.....	15c.	\$300—\$400.....	60c.
\$5—25.....	18c.	400—500.....	70c.
25—50.....	20c.	500—600.....	80c.
50—75.....	25c.	600—700.....	85c.
75—100.....	30c.	700—800.....	90c.
100—200.....	40c.	800—900.....	95c.
200—300.....	50c.	900—1000.....	1.00

Articles not registered full value are surcharged at a special rate according to their value.

## INSURANCE (3rd and 4th Class only)

Value	Fee	Value	Fee
Up to \$5.....	5c.	\$50—\$100.....	25c.
5—25.....	10c.	100—150.....	30c.
25—50.....	15c.	150—200.....	35c.

## RETURN RECEIPTS: for Insured or Registered

Mail Domestic 3c. each. Foreign 5c. each.

## COLLECT ON DELIVERY MAIL (Fee includes insurance)

Up to \$5.....	12c.	\$50—\$100.....	32c.
5—25.....	17c.	100—150.....	40c.
25—50.....	22c.	150—200.....	45c.

## SEALED PACKAGES

Third and fourth class matter may be closed against inspection when wrapper bears authorized printed indicia. If sealed without indicia, parcels are subject to first class rate.

## SIZE OF PARCEL POST PACKAGES

Parcels must not exceed 100 inches in length and girth combined. For parcels measuring more than 84 inches but not more than 100 inches in length and girth combined, the minimum charge shall be the rate for a 10 pound parcel. The maximum weight limit is 70 pounds to all zones.

## FEES FOR MONEY ORDERS

Under \$2.50.....	6 cents
Over 2.50 and not over \$5.00.....	8 “
“ 5.00 “ “ “ 10.00.....	11 “
“ 10.00 “ “ “ 20.00.....	13 “
“ 20.00 “ “ “ 40.00.....	15 “
“ 40.00 “ “ “ 60.00.....	18 “
“ 60.00 “ “ “ 80.00.....	20 “
“ 80.00 “ “ “ 100.00.....	22 “

No money order issued for more than \$100.

## REFORWARDING

Letters, post cards and other first class mail may be reforwarded without extra postage. Other matter requires a new prepayment of postage.

## FOREIGN

Letter postage for all foreign countries in the following list is 3c. per oz.; Argentina, Bolivia, Brazil, Canada, Chile, Columbia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Haiti, Honduras, Mexico, Newfoundland, Nicaragua, Panama, Paraguay, Peru, Salvador, Spain and Colonies, Uruguay and Venezuela.

The letter rate to all foreign countries not in the above list is 5c. for the first oz. or fraction, and 3c. for each additional oz. or fraction. This includes the following: Bahamas, Barbados, Bermuda, British Guiana, British Honduras, Cayman Islands, Cook Islands, Europe, New Zealand, Tobago, Trinidad, and Windward Islands.

## REGISTRY

For all foreign letters, 15c. in addition to postage. For rates on other classes of foreign mail, inquire at post office.

# COUNTING HOUSE

## CALENDAR 1939

JAN.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEB.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

MAR

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

APRIL

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

MAY

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

JUNE

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

JULY

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

AUG.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SEPT.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

OCT.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

NOV.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

DEC.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

